AQAR 2023 - 2024

SANTHIGIRI COLLEGE OF COMPUTER SCIENCES

Affiliated to M.G. University, Approved by AICTE and Accredited by NAAC

CRITERION 1

1.2.2 Add-on Course

Course Name: Logic Building using Pseudo Code

Course Code: ADD-CS-08

Academic Year: 2023-2024

Course Name: Logic Building using Pseudo Code

Course Code:

Training Firm: Santhisoft Technologies

Syllabus

Chapter 1: [8 Hours]

Introduction to Pseudo Code, Writing Pseudo Code?, Advantages of Pseudo code, Disadvantages of Pseudo code, Way to write Pseudo code in Editor, Constants, Components of a program, Variables, input and output in programs.

Chapter 2: [8 Hours]

Handling Operators, Decision Making: the if Construct, the Concept of Loop, the while Loop.

Chapter 3: [4 Hours]

Introduction to Arrays, Declaring Arrays, Manipulating Arrays, Character arrays, Initializing Character arrays.

LAB ACTIVITIES (10 Hours)

Exercise

1. Write a Pseudo code to accept a number and to find out whether that number us divisible by 5 or not

2. Write a Pseudo code to accept item_name, Price and Quantity. Calculate value as product of price and quantity and display the calculated value.

3. Write a pseudo code to accept fifty numbers, count and display the total number of odd and even numbers

4. Write a pseudo code to find out the highest of any seventy numbers entered

5. Write pseudo code to accept two strings from the user. Join the second string to the end of the first string (concatenate the two strings). Display the resultant string.

6. Write a pseudo code to accept a string from the user, reverse the same and display it.

7. Consider the following statement

Integer array1[6], array2[6]

Write a pseudo code to assign the contents of array 1 to array2

Logic building using Pseudo Code

Date: 22-7-2023

Time: 25 Minutes

1. What is the purpose of pseudocode in programming?
2. What does a flowchart or pseudocode typically represent?
3. Which statement is used to describe a condition in pseudocode?
4. How do you indicate the end of an IF block in pseudocode?
5. Which loop structure is best suited for a known number of iterations in pseudocode?
6. Write the pseudocode for swapping two variables using a temporary variable.
7. What keyword is used to input data in pseudocode?
8. What keyword is used to output data in pseudocode?
9. How do you represent a block of instructions in pseudocode?
10. What is the purpose of a WHILE loop in pseudocode?
11. How would you represent the declaration of an integer variable in pseudocode for C
12. Write the pseudocode for checking if a number is even or odd.
13. Write pseudocode to find the sum of the first n natural numbers.
14. How is a DO-WHILE loop represented in pseudocode?
15. Write pseudocode for finding the largest of three numbers.
16. Write pseudocode to calculate the factorial of a number.
17. Write pseudocode to reverse a given number.
18. How do you represent a function in pseudocode?
19. Write pseudocode to check if a number is prime.
20. Write pseudocode for bubble sort logic.

PRINCIPAL
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KERALA, PIN - 685 583

Logic Building using Pseudo Code
MARK SHEET

Roll Number	Student Name	Assignment Max 50	Exam Total(100)	Total Mark Max(150)	Mark %	Grade
1	Aathira Thambithurai	50	75	125	83	A
2	Abhimanue T Pradeep	45	75	120	80	A
3	Abhimanyu Nadh P S	50	85	135	90	A+
4	Abhishek D Nair	50	82	132	88	A
5	Abin Saji	50	74	124	83	A
6	Abin V Shibu	50	86	136	91	A+
7	Adith C.S	50	84	134	89	A
8	Adithya Mohanan	50	71	121	81	A
9	Adithyakrishnan K S	50	86	136	91	A+
10	Adithyan Shal	45	75	120	80	A
11	Adithyan Shiby	50	72	122	81	A
12	Adithyanarayanan A S	50	75	125	83	A
13	Adwaith Santhosh	50	88	138	92	A+
14	Afiyan Arshad	50	85	135	90	A+
15	Ajay Dev V	50	86	136	91	A+
16	Ajina K.N	43	78	121	81	A
17	Akash George	50	84	134	89	A
18	Akhil M V	50	72	122	81	A
19	Akhila C Hari	50	75	125	83	A
20	Akshay P Ajith	50	75	125	83	A
21	Al Zameen Junaidu	50	87	137	91	A+
22	Alan Jose	50	88	138	92	A+
23	Alan Mathew Jimmi	50	89	139	93	A+
24	Alan Sabu	50	89	139	93	A+
25	Alen John	50	88	138	92	A+
26	Aleena Joshy	0				
27	Alen Mathews Sathish	50	87	137	91	A+
28	Alphy Jose					
29	Amrutha K.B	50	80	130	87	A
30	Amrutha Vijayan	50	82	132	88	A
31	Anagha Reghukumar					
32	Anakha Rajan	50	85	135	90	A+
33	Anaswara K Jaimon	45	86	131	87	A
34	ANEETTA MARIYA FRANCIS	50	88	138	92	A+
35	Angel Joy	50	78	128	85	A
36	Angel Sebastian	50	78	128	85	A
37	Anjana Saji	50	75	125	83	A
38	Ann Maria Soy	50	85	135	90	A+
39	Ann Theresa Saji	50	84	134	89	A
40	Anna Thomas	50	85	135	90	A+
41	Anugrah Saju	45	75	120	80	A
42	Anvin Nixon	50	76	126	84	A

No	Name					
43	Anwarsha N.S	50	80	130	87	A
44	Ardra S	50	71	121	81	A
45	Arjun Babu	50	72	122	81	A
46	Arjun Promod	50	85	135	90	A+
47	Arnold Sherry	50	74	124	83	A
48	Ashin Aji	45	76	121	81	A
49	Ashiqe Salim	50	75	125	83	A
50	Ashish Shoby Jacob	50	74	124	83	A
51	Aswathy S	50	88	138	92	A+
52	Aswin Suresh	50	76	126	84	A
54	Atheen Suaad	50	85	135	90	A+
55	Athulya Surendran	50	78	128	85	A
56	Bestin Saji	50	71	121	81	A
57	Bhagath S Arackal	50	85	135	90	A+
58	Bhavana Sivan	50	71	121	81	A
59	Bilta Benny	50	79	129	86	A
60	Bilvert Johny	45	85	130	87	A
61	Daniya Tomy	50	85	135	90	A+
62	Devana Jayachandran	50	82	132	88	A
63	Devanandan Biju	50	74	124	83	A
64	Devi Nandana K S	50	86	136	91	A+
65	Devika V.S	45	88	133	89	A
66	Dhanasree J	50	75	125	83	A
67	Dino Davis	50	89	139	93	A+
68	Dona Byju	50	89	139	93	A+
69	Edwin Paul	50	71	121	81	A
70	Elsa Mariya Tomy	50	90	140	93	A+
71	Eshani Anilkumar	50	85	135	90	A+
72	Gautamkrishna S	50	78	128	85	A
73	George Vincent	50	78	128	85	A
74	Geovany George	40	95	135	90	A+
75	Hari Narayanan B	50	74	124	83	A
76	Henna Maria Jiju	50	75	125	83	A
77	Honey Treesa Sunny	50	95	145	97	A+
78	Indrajith K Rajeev	50	98	148	99	A+
79	Jayasankar K N	50	95	145	97	A+
80	Jeril Babu	50	88	138	92	A+
81	Jesvin Vincent	50	85	135	90	A+
82	jinil Ramesh	50	75	125	83	A
83	Johns Maxy	50	85	135	90	A+
84	Joju Sibi	50	82	132	88	A
85	Joseph Sojan	50	71	121	81	A
86	Joseph Vincent	50	74	124	83	A
87	Karthik Binu	40	85	125	83	A
88	Karthika Manoj	50	82	132	88	A
89	Kefin Benny	40	84		83	A
90	Krishnalal Manoj	45	86		87	A

91	Malavika Biju	50	89	139	93	A+
92	Malavika Santhosh	50	88	138	92	A+
93	Mariat Jojo	50	86	136	91	A+
94	Mathew Jolly	50	76	126	84	A
95	Merin P Eldho	50	85	135	90	A+
96	Nayana Satheesan	50	87	137	91	A+
97	Nebin Reji	50	88	138	92	A+
98	Nevin Babu Purakad	50	87	137	91	A+
99	Parvathy Kalyan	50	88	138	92	A+
100	Parvathy Ullas	50	85	135	90	A+
101	Rafees Basith	50	85	135	90	A+
102	Rimy Johnson	50	86	136	91	A+
103	Rohit P Rajeev	50	77	127	85	A
104	Sandra Sukumaran	50	89	139	93	A+
105	Sani Tomy	45	87	132	88	A
106	Sanusha Santhosh	50	88	138	92	A+
107	Sarath P Saji	45	85	130	87	A
108	Shajahan Basheer	50	88	138	92	A+
109	Shifani Jaleel	50	86	136	91	A+
110	Siril Sabu Thomas	50	87	137	91	A+
111	Sona Shajy	50	86	136	91	A+
112	Sonu Davis	45	76	121	81	A
113	Soorya Sunil	50	79	129	86	A
114	Sreenandha R Nath	50	75	125	83	A
115	Sreyas A S	50	79	129	86	A
116	Sruthy Siju	45	90	135	90	A+
117	Sudev P S	45	79	124	83	A
118	Sudev S Nair	50	74	124	83	A
119	Sulthana V S	50	78	128	85	A
120	Thansiya Salam	50	75	125	83	A
121	Triston K Issac	50	85	135	90	A+
122	Vasanth Sabu	50	78	128	85	A
123	Vrinda Vinod	45	75	120	80	A
124	Yadhukrishnan M J	45	75	120	80	A

SUMMARY REPORT

Academic Year: 2023-2024

Course Name: Logic Building using Pseudo Code

Course Code:

Logic Building using Pseudo Code (   ) was successfully completed during academic year 2023-2024. There are 124 students who have completed the course. It look 30 hours to complete the course and there was 96.8 % result. Out of 124 Students 52 Students achieved A+, 68 Students got A grade and 4 Students got E Grade.

Total Students Enrolled	124
Total Students Passed	120
A+	52
A	68
B	0
C	0
D	0
E	4

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Signature of Principal

HEAD OF THE DEPARTMENT
DEPT. OF COMPUTER SCIENCE
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P.O, THODUPUZHA
IDUKKI, KERALA - 685 583

S1 BCA 2023 - 2026 (A)

Sl. no	Name of Student	Class	13/07/23 (6)	16/07/23 (6)	17/07/23 (6)	18/07/23 (6)	19/07/23 (6)	20/07/23 (6)	23/07/23 (6)	24/07/23 (6)	25/07/23 (6)
1	Aathira Thambithurai	S1 BCA-A	Ab	Ab	Ab	Ab	Ab	Ab	Ab		
2	Abhimanue T Pradeep	S1 BCA-A				Ab					
3	Abhimanyu Nadh P S	S1 BCA-A									
4	Abhishek D Nair	S1 BCA-A									
5	Abin Saji	S1 BCA-A									
6	Abin V Shibu	S1 BCA-A	Abin	Abin	Abin	Abin	Abin	Abin	Abin	Abin	
7	Adhithya Mohanan	S1 BCA-A									
8	Adith C S	S1 BCA-A									
9	Adithyakrishnan K S	S1 BCA-A							Ab		
10	Adithyan Shal	S1 BCA-A					Ab	Ab	Ab		
11	Adithyan Shiby	S1 BCA-A				Ab					
12	Adithyanarayanan A.S	S1 BCA-A						Ab	Ab		
13	Adwaith Santhosh	S1 BCA-A									
14	Afuan Arshad	S1 BCA-A									
15	Ajay Dev V	S1 BCA-A									
16	Ajina K N	S1 BCA-A						Ab	Ab		
17	Akash George	S1 BCA-A				Ab					
18	Akhil M V	S1 BCA-A									
19	Akhila C Hari	S1 BCA-A									
20	Akshay P Ajith	S1 BCA-A									
21	Al zameen Junaidu	S1 BCA-A									
22	Alan Jose	S1 BCA-A									
23	Alan Mathew Jimmi	S1 BCA-A									
24	Alan Sabu	S1 BCA-A									
25	Aleena Joshy	S1 BCA-A	Ab	Ab	Ab	Ab	Ab	Ab	Ab		
26	Alen John	S1 BCA-A									
27	Alen Mathews Sathish	S1 BCA-A	Alen	Alen	Alen	Alen	Alen	Alen	Alen	Alen	
28	Alphy Jose	S1 BCA-A	Ab	Ab	Ab	Ab	Ab	Ab	Ab		
29	Amrutha K B	S1 BCA-A									
30	Amrutha Vijayan	S1 BCA-A									
31	Anagha Reghukumar	S1 BCA-A	Ab	Ab	Ab	Ab					
32	Anakha Rajan	S1 BCA-A		Ab							
33	Anaswara K Jaimon	S1 BCA-A		Ab							
34	Aneetta Marrija Francis	S1 BCA-A									
35	Angel Joy	S1 BCA-A	Angel	Angel	Angel	Angel	Angel	Angel	Angel	Angel	

Sl.No	Name of Students	class	13/07/23	16/07/23	17/07/23	18/09/23	19/07/23	20/01/23	23/07/23	24/07/23	25/07/23
36	Angel Sebastian	S1BCA-A					Ab	Ab	Ab	Angel S	Angel S
37	Anjana Saji	S1BCA-A	Ab	Ab	Ab	Ab					
38	Ann Mariya Soy	S1BCA-A									
39	Anna Theresa Saji	S1BCA-A									
40	Anna Thomas	S1BCA-A									
41	Anugrah Saju	S1BCA-A									
42	Anvin Nixon	S1BCA-A									
43	Anwarsha N.S	S1BCA-A									
44	Ardra.S	S1BCA-A									
45	Arjun Babu	S1BCA-A									
46	Arjun Pramod	S1BCA-A									
47	Arnold Sherry	S1BCA-A									
48	Asbin Aji	S1BCA-A					Ab				
49	Ashiqe Salim	S1BCA-A	Ab	Ab	Ab	Ab	Ab				
50	Ashish Shoby Jacob	S1BCA-A									
51	Aswathy.S	S1BCA-A									
52	Aswin Suresh	S1BCA-A									
53	Atheen Suaad	S1BCA-A									
54	Athulya Surendran	S1BCA-A									
55	Bestin Saji	S1BCA-A									
56	Bhagath S.Arackal	S1BCA-A									
57	Bhavana Sivan	S1BCA-A									
58	Bilta Benny	S1BCA-A									
59	Bilvert Johny	S1BCA-A					Ab				
60	Daniya Tomy	S1BCA-A									
61	Devana Jayachandran	S1BCA-A									

ACADEMIC YEAR 2023-2024

logic Building using Pseudo Code.

SI BCA (B) 2023-2026

SI No.	Name of Student	Class	12/07/2023	13/7/2023	14/7/2023	15/7/2023	19/7/2023	20/7/2023	21/7/2023
1.	Devanandan Biju	SI-BCA-B							
2.	Devi Nandana K S	SI-BCA-B							
3.	Devika V S	SI-BCA-B					Abs	Abs	
4.	Dhanasree J	SI-BCA-B	Abs				Abs	Abs	
5.	Dino Davis	SI-BCA-B	Dino	Dino	Dino	Dino	Dino	Dino	Dino
6.	Dona Byju	SI-BCA-B	Dona	Dona	Dona	Dona	Dona	Dona	Dona
7.	Edwin Paul	SI-BCA-B							
8.	Elsa Mariya Tomy	SI-BCA-B							
9.	Eshani Anilkumar	SI-BCA-B	Eshani	Eshani	Eshani	Eshani	Eshani	Eshani	Eshani
10.	Gautbamkrishna S	SI-BCA-B							
11.	George Vincent	SI-BCA-B	George	George	George	George	George	George	George
12.	Geovany George	SI-BCA-B	geovany	Abs	Abs	geovany	genny	genny	genny
13.	Hari Narayanan B	SI-BCA-B	Hari	Hari	Hari	Hari	Hari	Hari	Hari
14.	Henna Maria Jiju	SI-BCA-B	Abs			Abs		Abs	
15.	Honey Treesa Sunny	SI-BCA-B	Honey	Honey	Honey	Honey	Honey	Honey	Honey
16.	Indrajith K R	SI-BCA-B							
17.	Jayasankar kn	SI-BCA-B	Jeoil	Jeoil	Jeoil	Jeoil	Jeoil	Jeoil	Jeoil
18.	Jesil Babu	SI-BCA-B	Jesvin	Jesvin	Jesvin	Jesvin	Jesvin	Jesvin	Jesvin
19.	Jesvin Vincent	SI-BCA-B							
20.	Jinil Ramesh	SI-BCA-B	Jinil	Jinil	Jinil	Jinil	John	John	John
21.	Johns Maxy	SI-BCA-B	John	John	John	John	John	John	John
22.	Joju Sibi	SI-BCA-B							
23.	Joseph Sojan	SI-BCA-B							
24.	Joseph Vincent	SI-BCA-B	Joseph	Joseph	Joseph	Joseph	Joseph	Joseph	Joseph
25.	Karthik Binu	SI-BCA-B	Karthik	Karthik	Karthik	Abs	Karthik	Karthik	Karthik
26.	Karthika Manoj	SI-BCA-B							
27.	Kefin Benny	SI-BCA-B				Abs	Abs		
28.	Krishnalal Manoj	SI-BCA-B						Abs	
29.	Malavika Biju	SI-BCA-B							
30.	Malavika Santhosh	SI-BCA-B							
31.	Mariat Jojo	SI-BCA-B	Mariat	Mariat	Mariat	Mariat	Mariat	Mariat	Mariat
32.	Mathew Jolly	SI-BCA-B	Math	Math	Math	Math	Math	Math	Math
33.	Merin P Eldho	SI-BCA-B							
34.	Nayana Satheesan	SI-BCA-B	ABS	ABS	ABS	ABS	ABS	ABS	ABS
35.	Nebin Reji	SI-BCA-B	Nebin	Nebin	Nebin	Nebin	Nebin	Nebin	Nebin

No:	Name of Student	Class	12/07/2023	13/7/2023	14/7/2028	15/7/2023	19/7/2023	20/7/2023	21/7/2023
36.	Nevin Babu Purakkad	SI-BCA-B	*Nevin*	*Nevin*	*Nevin*	*Nevin*	*Nevin*	*Nevin*	*Nevin*
37.	Parvathy Kalyan	SI-BCA-B	*Parvathy*	*Parvathy*	*Parvathy*	*Parvathy*	*Parvathy*	*Parvathy*	*Parvathy*
38.	Parvathy Sabu	SI-BCA-B	*Parvathy*	*Parvathy*	*Parvathy*				
39.	Parvathy Ullas	SI-BCA-B							
40.	Raees Basith	SI-BCA-B							
41.	Rimy Johnson	SI-BCA-B							
42.	Rohit P Rajeev	SI-BCA-B							
43.	Sandra Sukumaran	SI-BCA-B						ABs	ABs
44.	Sani Tomy	SI-BCA-B							
45.	Sanusha Santhosh	SI-BCA-B				ABs			
46.	Sarath P Saji	SI-BCA-B							
47.	Shajahan Basheer	SI-BCA-B							
48.	Shifani Jaleel	SI-BCA-B							
49.	Sisil Sabu Thomas	SI-BCA-B							
50.	Sona Shajy	SI-BCA-B							
51.	Soorya Sunil	SI-BCA-B							
52.	Sreenandha R Nath	SI-BCA-B							
53.	Sreyas A S	SI-BCA-B				ABs			
54.	Sruthy Siju	SI-BCA-B				ABs			
55.	Sudev P S	SI-BCA-B				ABs			
56.	Sudev S Nair	SI-BCA-B							
57.	Sulthana V S	SI-BCA-B							
58.	Thansiya Salam	SI-BCA-B							
59.	Triston k Issac	SI-BCA-B							
60.	Vasanth Sabu	SI-BCA-B					ABs	Abs	
61.	Vrinda Vinod	SI-BCA-B							
62.	Yadhukrishnan M J	SI-BCA-B							
63.	Yasir Mubeen M A	SI-BCA-B							

Thomas Augustin

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SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
THODUPUZHA
KERALA
685 583
VAZHITHALA

SANTHIGIRI

COLLEGE OF COMPUTER SCIENCES

Affiliated to MG University and Approved by AICTE

CERTIFICATE

This is to certify that Mr/Ms............*Ashin Aji*.................................

student of **BCA** Programme has successfully completed **30** hours

Add-on-course entitled *"LOGIC BUILDING USING PSUEDOCODE"*

from 12th July 2023 to 21th July 2023 for the academic year 2023 - 2024

with.....*A*.....grade.

Date : 28-10-2023

Principal

SANTHIGIRI
COLLEGE OF COMPUTER SCIENCES

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CERTIFICATE

This is to certify that Mr/Ms..........Sonu Davis..
.....

student of BCA Programme has successfully completed **30** hours
Add-on-course entitled*"LOGIC BUILDING USING PSUEDOCODE"*
from 12th July 2023 to 21th July 2023 for the academic year 2023 - 2024
with.....A......grade.

Date : 28-10-2023

Principal