

Course: CPP

Course Code:

Session: 2016-17

Duration: 16 Weeks

Assessment procedures: Proctored certification Exam (100%)

Curriculum of the Course:

1.First C Program

Foss : *C and Cpp - English*

Outline: 1) First C Program -Header Files --example: #include <stdio.h> -main() -Curly braces -printf() -semicolon ; -Compiling a C program --example: gcc file.c.

2.First Cpp Program

Foss : *C and Cpp - English*

Outline: First C++ Program -Header files --example: #include <iostream> -main() -Curly braces -cout<< -semicolon ; -Compiling a C++ program --example: g++ file.cpp.

3.Tokens

Foss : *C and Cpp - English*

Outline: 3) Tokens in C and C++ -Data types, constants, identifiers -Keywords --example: if, break, else -Constants -Data types --example: int, float, char, double -F..

4.Functions

Foss : *C and Cpp - English*

Outline: Functions -What is a function -Syntax for declaration of a function -Function with arguments --example: return-type function-name(parameter); -Function without ar..

5.Scope Of Variables

Foss : *C and Cpp - English*

Outline: Scope of Variables -Introduction -Syntax of declaring a variable --example: data-type var-name; -Syntax for initializing a variable --example: data-type var-name =..

6.If And Else If statement

Foss : *C and Cpp - English*

Outline: Check the conditions in a program -What are Statements. -Syntax for if and -If-else Statement -Errors

7.Nested If And Switch Statement

Foss : *C and Cpp - English*

Outline: Nested if and switch statement -Nested if statement. -Switch statement. -Syntax for nested-if statement -Syntax for switch statement -break statement -Compariso..

8.Increment And Decrement Operators

Foss : *C and Cpp - English*

Outline: Increment and Decrement Operators -Increment Operator --example: ++ -Postfix increment --example: a++ -Prefix increment --example: ++a -Decrement Operator ..

9.Arithmetic Operators

Foss : *C and Cpp - English*

Outline: Arithmetic Operators -Arithmetic Operators -Addition Operator --example: a + b - Subtraction Operator --example: a - b -Multiplication Operator --example: a *..

10.Relational Operators

Foss : *C and Cpp - English*

Outline: Relational Operators -Double Equal to --example: a == b -Not Equal to --example: a != b -Greater Than --example: a > b -Less Than --example: a < b -Gr..

11.Logical Operators

Foss : *C and Cpp - English*

Outline: Logical Operators -And && -Or || -Not !

12.Loops

Foss : *C and Cpp - English*

Outline: Loops -Loops -Syntax for while and do-while loop -Comparison of while and do-while loop -Syntax for -for loop -Errors

13.Arrays

Foss : *C and Cpp - English*

Outline: Arrays -What are arrays -1-D Arrays -Syntax for Declaration of arrays --example: data type array_name [size]; -Syntax for Initialization of arrays --example: da..

14.Working With 2D Arrays

Foss : *C and Cpp - English*

Outline: Working with 2-D Arrays -What are 2-D Arrays. -Range of arrays -Syntax for Declaration of 2-D arrays --example: data type array_name[row][column]; -Syntax for init..

15.Strings

Foss : *C and Cpp - English*

Outline: Strings -What is a string -Syntax for declaring a string -Syntax for initializing a string -To read a string from keyboard

16.String Library Functions

Foss : *C and Cpp - English*

Outline: String Library Functions What are string library functions. Types of string library functions -Strcpy -Strlen -Strcmp -Strcat

17. Working With Structures

Foss : C and Cpp - English

Outline: Working with Structures -Introduction -Syntax of structures -Declaration and initialization -Declaration of structure variable -Accessing structure variables

18. Understanding Pointers

Foss : C and Cpp - English

Outline: Understanding Pointers -Introduction -Syntax of Pointer --example: int *iptr; - Declaration --example: int a; (integer a) int *aptr; (pointer to an integer..

19. Function Call

Foss : C and Cpp - English

Outline: Function call -types of function calls -function pass by value -function pass by reference

20. File Handling In C

Foss : C and Cpp - English

Outline: Files in C -File handling functions -Opening a File closing a file --example: fopen, fclose -Reading data from a File

List of Enrolled Student

S. No.	First Name	Last Name
1	AASHISH	AGRAWAL
2	ABHINAV	BENIWAL
3	ABHISHEK	JAIN
4	ADITYA	SAXENA
5	AISHWARYA	JAIN
6	AJIT	KUMAWAT
7	AKANSHA	JOSHEE
8	AMAN	CHAUHAN
9	AMIT KUMAR	CHOUDHARY
10	ANKIT	CHAWLA
11	ANKUR	GUPTA
12	ANUBHAV	MATHUR
13	ARINDAM	SHISHODIYA
14	ARPIT	GUPTA
15	ARPIT	JAIN
16	ASHISH	BENIWAL
17	ASMITA	GARG
18	AYUSH	AGNIHOTRI
19	BHAWANI	SINGH

20	DARSHAN KUMAR	BHATT
21	DEEPESH	SHARMA
22	DEVANG	MATHUR
23	DIVYA	AGAL
24	GAURAV	GAURAV
25	GAURAV	KOOLWAL
26	KAVISH	BHATT
27	KRITARTHA	PALIWAL
28	NIKHIL	JAIN
29	NIMISHA	LAKHOTIA
30	PRACHI	MEHTA
31	PRATIGYA	SHARMA
32	PRAVEEN	KACHHAWA
33	PUNEET	SINGHAL
34	REHA	BAGDA
35	RISHABH	
36	ROBIN	KHOTARI
37	ROHIT	DHAKER
38	SALONI	KAUSHIK

39	SAMBHAV	AJMERA
40	SANCHIT	MATHUR
41	SANYAM	MAKNAWAT
42	SHAILVI	MAHESHWARI
43	SHIKHA	
44	SHUBHANK	PAREEK
45	SURAJ	SHARMA
46	TUSHAR	JAIN
47	UDIT	MUNDRA
48	URVI	SHARMA
49	VAISHALI	AMBASTA
50	VANYA	AGRAWAL
51	VARUN	BHATNAGAR
52	VICKY KUMAR	PANDEY
53	AASTHA	SHARMA
54	CHIRAG	GANDHI
55	DIVYA	SAINI
56	HIMANSHU	KOLEY
57	JIGYASA	GUPTA
58	MEKHLA	VYAS
59	MIHIR	MITTAL
60	MOHAMMAD UMAR	SALIM
61	NISHKARSH	GANGAL
62	NITESH	PATIDAR
63	PALAK	JARNGAL
64	PANKAJ	SHARMA
65	PRASHANT SINGH	CHARAN
66	PRIYADARSHI PRATAP	SINGH
67	PRIYADARSHI	VYAS
68	PUNIT	GAUTTAM
69	RADHIKA	
70	RAJ ANKIT	SINGH
71	RAJVEER SINGH	PANWAR
72	RISHABH	SHARMA
73	RITHIK	JAIN
74	RITWIK	YADAV
75	ROHAN	JETAWAT
76	ROUSHAN	

77	SAHIL	CHOUDHARY
78	SAKSHI	SINGH
79	SANJAY	KUMAR
80	SHREE	RAMJI
81	SHYAM KUMAR	SINGH
82	YASH	JHA
83	YOGESH	LAKESAR
84	KHUSHBOO	SRIVASTAVA
85	SUDARSH	JOSHI
86	TANUJ	BANSAL
87	ANUJ	BHARDWAJ
88	ARIHANT	CHATURVEDI
89	DARSHAN	VERMA
90	MANSEE	GAUR
91	SHUBHANGI	MATHUR
92	SONU	SAJAN
93	CHANDRA	PRAKASH
94	MUSKAN	DOSI
95	VIJAY	GEHLOT
96	MAMTA	RATHORE
97	DIVYANSHI	GUPTA
98	GAURAV	BANSAL
99	MUMAL	CHUNDAWAT
100	BRIJESH	KUMAR
101	ANJALI	SHEKHAR
102	ANJALI	GUPTA
103	ADITYA	JAIN
104	AMANPREETKAU R	SUDAN
105	AASHISH	SHARMA
106	SHREY	BIJAWAT
107	KAUSHAL	SHARMA
108	SONIA	BADLANI
109	LAVINA	THARWANI
110	PRIYAL	GARG
111	SANJANA	MEENA
112	ANKIT	MEEL
113	LOVELY	RAJ
114	RAHUL	SHARMA