

ASSIGNMENT FOR CLASS – XI :

COMPUTER SCIENCE **SUBJECT CODE - (083)** **XI**

DEAR CADETS,

YOU ARE TO SOLVE ALL THE 25 PROGRAMS AND BRING SOFT COPY
IN CD FORMAT.

BELOW AVERAGE PROGRAMS:

1. Write a C++ program to display Hello Sainik School Amaravathinagar.
2. Write a C++ program to display your school address.
3. Write a C++ program to display your permanent address.
4. Write a C++ program to display your details.
5. Write a C++ program to read two decimal numbers, then multiply them together and finally print out the result (in decimal)
6. Write a C++ program to find the area of a rectangle.
7. Write a C++ program to compute the area of square.
8. Write a C++ program that inputs a student's marks in three subject and prints the total and percentage marks.
9. Write a C++ program to display the following outputs using single cout statement.
Program = 20

Documentation = 23

Logic = 21

Flowchart =14

AVERAGE PROGRAMS

10. Write a C++ program to read the values of w,x,y and z and display the value of p where, $p = w+x / y - z$
11. Write a C++ program to read a temperature in Celsius and displays it in Fahrenheit
12. Write a C++ program that displays on the screen
a) character 'z' b) the name "Mohan" c) the number 1977
13. Assuming there are 7.481 gallons in a cubic foot, write a program that asks the user to enter the number of gallons and then display the equivalent in cubic feet.
14. Write a C++ program that accepts the radius of a circle and print its area.

15. Write a C++ program to accept two integers and print their sum.
16. Write a C++ program to calculate the value of f where,
$$f = (a + b / c) - d$$
17. Write a C++ program to find the square of entered number.
18. Write a C++ program to find the square root of entered number.
19. Write a C++ program which adds the sales tax in the price list of items and replace the price list with the new list for 5 items.

ABOVE AVERAGE PROGRAMS - HIGH ORDER THINKING SKILLS (HOTS) - PROGRAMS

20. Write a C++ program to interchange the values of two variables.
21. Write a C++ program to interchange the values of two variables without using the third variable.
22. Write a C++ program that reads the grams and convert it into Kilograms.
23. Write a C++ program that reads centimetre and convert it into feet.
24. Write a C++ program that accepts character between 'D' to 'Z' and prints previous three characters.
25. Write a C++ program that reads a character and prints its successor and predecessor.