Program Practice For Lecture 1

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1.write a program to print "Welcome To Our CSE Department" using backslash character (\t) between space.

2.write a program to input any integer number from keyboard and display the value of ASCII character for this integer.

3.write a program to print this following output :

$$123$$

$$123$$

$$123$$

$$123$$

$$123$$

[Hints: (%nd) use. where n=integer value]

4.write a program which take two values from keyboard and show their average.

5.Give the value 42000 and 45250 and show their sum and average [Don't use float or double data type because we need integer value]

6.write a program to calculate and print the value of q.

$$x = 5p^3 + 2q^2 + 10$$

7.Given the value of three variables a ,b & c. write a program to compute and display the value of c where,

$$x = \frac{a}{b-c}$$

8.Relationship between Fahrenheit and Kelvin is governed by the formula

$$\frac{F-32}{9} = \frac{k-273}{5}$$

write a program to convert the temperature Fahrenheit to Kelvin.

9.Given the value of the variables x, y and swapping these value.

10. write a program which can calculate

$$y = x^{n+2}$$

Given data x, y and n from user

11. Area of triangle is given by the formula

$$A = \sqrt{s(s-a)(s-b)(s-c)}$$

write a program to complete the area of the triangle given by the values of a ,b and c.

[Hints : 2S=a+b+c; where a, b, c are the sides of the triangle]

12. print your NWU ID, Name and Semester.

13. Take two variables that are integer and float type and output their sum, average and subtract.

14. The equation of refractive index is

$$a\eta b = \frac{sini}{sinr}$$

where i = 30° and $a\eta b = 1.538$ .determine the value of r.

15. suppose mass = 50 kg, Area = 200cm^2 and equation $P = \frac{F}{A}$.

write a program to determine the pressure.

16. write a program to print the total value = 1st value+2nd value. take 1st and 2nd value from keyboard.

17. take a character which is lowercase and print it which is uppercase.

18. take four real numbers and output their average.

19. write a program to display the equation of a line in the form

ax+by=c.

20. write a program to read the price of an item in decimal from (25.38) and print the output in paisa(like 2538 paisa)

Happy coding......................