Assignment01

Sep21/ CPP/Assignment01

CPP

Diploma in Advance Computing

September 2021

1. Write a menu driven program to calculate area and circumference/perimeter of circle, square, triangle, and rectangle and print both results in main. Use const keyword for PI (use pass by reference mechanism)

2. Write a menu driven program to calculate sum of numbers for int, float, or mix sequence i.e. use function overloading

3. Write a program in C++ to calculate multiplication of 2nos. Or 3 nos. or 4 nos. as per user choice. (Use default arguments)

4. Write a program to calculate square, cube of number, max () to find maximum. (Use inline functions)

5. Write a program in C++ to accept number of subjects from user for 1 student and accept marks of all subjects. Display sum and average.

6. Create class Date( int day,int month, int year) with default and parameterized constructor (where year should have default value 2020) and accept() and display(). Create objects at compile time and runtime and execute the program.

7. Write a program to overlaod Max() as below-

int Max(int,int);

int Max(int,int,int);

float Max(float,int);