

Assignment

Feb2020/ CPP/Assignment 002

Object Oriented Programming (OOP)

Post Graduate Diploma in Advance Computing

February 2020

1. Write inline function in C++ to find maximum of two numbers.
2. Write a inline function to find square of a number.
3. Write a Menu driven program to write 4 inline functions to show Arithmetic operation(ADD,SUB,MUL,DIV).write main() function to call all of them.
4. Write a program to overload sum function as

```
int sum(int ,int);
```

```
float sum(float, int);
```

```
double sum(double, float, int);
```

5. Write a Program to overload Max function as below.

```
int Max(int,int);
```

```
int Max(int, int ,int);
```

```
float Max(float,int);
```

6. Write a program to overload accept function as below

void accept(char ch, int len) - which accepts string character by character until then length.

void accept(char [])-Which accepts the string directly.

Write main() to call these two functions. also print the output.

7. Write a Program to overload Copy function as below.(Without using built-in function

Void copy(int dest[],int source[]) –Integer array source should get copied to dest.

Void copy(char dest[], char source[])-Source string should get copied to destination.

8. Write a program to use default argument in an function as follows.

Double Area(double=3.0); //Default value for radius is given as 3.0..Write main function to call this function do not provide any parameter. It will use default value for calculations print the area of circle..

9. Write a date class to print the date on console.(Use the example given by Kishwar Madam)

