

Software Engineering Assignment

MODULE: 4 (OOPS Concept)

1. WAP to print "Hello World" using C++

```
#include<iostream> // header file

using namespace std; // standard library for using standard names

main()
{
    cout << "Hello World";
}
```

2. What is OOP? List OOP concepts

- OOP is Object Oriented Programming Language
- Main purpose of OOP is to provide security to the users.
- C++ is OOP (Object oriented Programming)
- C++ Language is totally based upon objects

List OOP Concept:-

- Class
- Objects
- Inheritance
- Encapsulation
- Constructor
- Polymorphism
- Abstraction
- Inline Function
- Friend Function
- File Handling
- Templates

3. What is the difference between OOP and POP?

- OOP refers to Object Oriented Programming and deals with objects and their properties.
- POP refers to Procedural Oriented Programming and deals with programs and functions.