Module 4 – OOPs Concept

[ASSIGNMENT]

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

→

```
#include<iostream>

using namespace std;

main()

{

        cout<<"Hello World";

}
```

Output : Hello World

2. What is OOP? List OOP concepts

→   OOP means Object-Oriented Programming. OOP is based on the idea of classes and objects.

→   Concepts of OOP are :
  I.   Class
  II.   Object
  III. Encapsulation
  IV.   Inheritance
  V.   Polymophysm
  VI.   Abstraction

3. What is the difference between OOP and POP?

→

OOP	POP
1. Object-Oriented Programming. 2. Bottom-up approach. 3. C++, Python, Java etc. are example of OOP. 4. OOP supports code reusability.	1. Procedure-Oriented programming. 2. Top-down approach. 3. C, Pascal are example of POP. 4. POP don't supports code reusability.