Module 4 – OOPs Concept

[Assignment]

Yuvraj Vaghela

[2024]

1. WAP to print “Hello World” using C++

#include<iostream>

using namespace std;

main()

{

cout<<"Hello World";

}

Output : Hello World

1. 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 :

1. Class
2. Object
3. Encapsulation
4. Inheritance
5. Polymophysm
6. Abstraction
7. 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. |