* **oocp stands for object oriented programming language.oops is paradigm that provides many concept such as data binding , data hiding ,Polymorphism.**
* **1)Class**
* **2)Object**

**There are four types of main OOCP concept :->**

**1)Encapsulation**

**2)Inheritance**

**3)Polymorphism**

**4)Abstraction**

**3) diffrenece between OOP and POP :->**

|  |  |
| --- | --- |
| **POP** | **OOP** |
| 1)Its follows Top approach | 1)Its follows bottom approach |
| 2)there is no access specifier | 2)It have a access specifier like public ,private |
| 3)it deal with Algorithm. | 3)it deals with data |
| 4)It need very less memory | 4)it need more memory than pop |
| 5)It is less secure | 5)It is more secure |
| 6)it follows no overloading | 6)it follows function and operator overloading |