

Name : Sudasrhan Gawale

Roll no: 176114

Subject : PHP Student Activity 1

Difference between OOP and POP

	Object Oriented Programming (OOP)	Procedure Oriented Programming (POP)
Problem Solving	Importance is given to objects. So to solve a problem, it is divided into smaller parts known as objects.	Importance is given to functions or procedures. So to solve a problem it is divided into smaller parts known as functions or procedures.
Approach	It follows bottom up approach.	It follows top down approach.
Code Reusability	The existing code can be reused by the feature called inheritance.	There is no such feature.
Data Hiding	The data is kept secure in class using access specifiers private and protected.	The data is less secure as this paradigm doesn't provide any way to hide it.
Modification	Modification and addition of new feature is really easier.	Modification and addition of new feature is difficult.
Problem Size	It is suitable for solving big problems.	It is not suitable for solving big problems.
Example	C++, Java and Python are some examples of OOP languages.	C, Fortran and Pascal are some examples of POP languages.