C O N C E P T S O F O O P

The Concepts of OOP used in the program are:-

I. Data Abstraction

The implementation of essential data without implementing the background details is called Data Abstraction. This can be done using the access specifiers in classes i.e. private, public and protected. This concept is nothing but the hiding up of inessential data. By using different access specifiers we can hide data in different manners.

II. Data Encapsulation

As the name suggests, this concept is similar to capsule. In the capsule, various small pills are wrapped or bonded together in a single unit by a cover. Similarly, in classes data members and member functions are wrapped or bonded together in a single unit.

III. Modularity

Module means a small part. The big program is broken down into small parts called modules. This is Called Modularity. Hence, the breaking down of data or program into small modules is called modularity. Modularity enhances the speed of program and it also makes the program to look better.