**Encapsulation:-**

**#. Encapsulation is a mechanism through which we can wrapping up the data member (Variable)**

**and Member Function (Methods) of a class in a single unit called Encapsulation.**

**Note:-**

**1. Declare the class Variable as Private.**

**2. Declare the Class Method as Public.**

**Example:- Class is the best example of Encapsulation.**

**Abstraction:-**

**#. It is the process of hiding the implementation of code and showing only the functional behaviour.**

**#. We can have abstarct calss, abstract method etc.**

**#. will use abstract keyword to deal with the abstraction**

**#. By the help of abstarction we can acheive 0 to 100% abstarction.**

**#. We can have abstarct as well as non abstract method in class.**

**#. We cannot create object of abstarct class.**

**Interface :-**

**#. It is also the process of hiding the implementation of code and showing only the functional behaviour.**

**#. We can have only abstract method inside interface.**

**#. will use interface keyword to deal with interface.**

**#. By the help of interface we acheive 100% abstraction.**