**Assignment-10:**

1. Write a java program to achieve the multiple inheritance using Interface. Create an Interface name as Inter\_One inside it takes 1 variable x=10; and one abstract method display(); create second Interface Inter\_Two takes variable with same name x=50; and same method display(); create a class Test and implements both interface on it and access the property of each Interface and display them.
2. Create an interface Inf1 inside it take one variable n and one abstract method sum\_of\_n(); to calculate sum of n. create second interface Inf2 and extends it to Inf1 inside Inf2 takes 1 variable pi=3.14; and an abstract method to calculate area\_circle(); use the variable n as radius to calculate area of circle. Create a main class name as Demo and implement it on interface Inf2 to display the sum of n and area of circle.
3. Create two interface name as InterFace\_1 and InterFace\_2 which contain default method show() to print the interface name . create a class display and override show method. And by using class name and super() key call the method and display the interface name.

Eg:- Class\_name.Super.Method\_name();