**Practical – 6**

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Subject: JAVA

Subject Code: CSP-279

**Write a program to study interfaces in java.**

***Code:-***

interface featureA  
{  
   
   public void email();  
     
    public void messaging();  
   
     
     
}  
interface featureB  
{  
    public void videocall();  
     
     public void voicecall();  
     
}  
class featurePhone implements featureA  
{  
       
   public void email()  
   {  
       System.out.println(" email") ;  
   }  
    public void messaging()  
   {  
       System.out.println("messaging");  
   }  
     
}  
  
  
class SmartPhone implements featureA,featureB  
{  
    public void email()  
   {  
       System.out.println(" email") ;  
   }  
    public void messaging()  
   {  
       System.out.println("messaging");  
   }  
    public void videocall()  
    {  
        System.out.println("videocall");  
    }  
     public void voicecall()  
     {  
     
     System.out.println("voicecall") ;  
     }  
     
}  
public class Main  
{  
    public static void main(String [] args)  
    {  
        featurePhone obj=new featurePhone();  
        obj.messaging();  
        obj.email();  
        SmartPhone A= new SmartPhone();  
        A.messaging();  
        A.email();  
        A.videocall();  
        A.voicecall();  
         
    }  
}

output:

***messaging***

***email***

***messaging***

***email***

***videocall***

***voicecall***

**Program:2**

***Code:-***

 class MyClass  
     {  
        public void put(){  
      int x=10;  
      int y=25;  
      int z=x+y;  
  
      System.out.println("Sum of x+y = " + z);  
    }  
     }  
  
 interface B  
{  
    public void display();  
}  
 interface C  
{  
    public void show();  
}  
public class D extends MyClass implements B,C  
{  
    public void show()  
    {  
        System.out.println("my name is adarsh");  
    }  
    public void display()  
    {  
        System.out.println("my uid is 18bcs3320");  
    }  
     public static void main(String args[])  
     {  
         D obj=new D();  
         obj.show();  
         obj.display();  
         obj.put();  
     }  
}

**output:-**

*my name is adarsh*

*my uid is 18bcs3320*

*Sum of x+y = 35*