**PRACTICAL:23**

**AIM: Write a program that illustrates interface inheritance.**

**Interface P12 inherits from both P1 and P2. Each interface declares**

**one constant and one method. The class Q implements P12.**

**Instantiate Q and invoke each of its methods. Each method displays**

**one of the constants.**

**PROGRAM:**

interface P1

{

final int a=10;

void disp();

}

interface P2

{

final int b=15;

void displ();

}

interface P12 extends P1,P2

{

final int c=20;

void display();

}

class P23\_7059 implements P12

{

public void disp()

{

System.out.println("value of A : "+a);

}

public void displ()

{

System.out.println("value of B : "+b);

}

public void display()

{

System.out.println("value of C : "+c);

}

public static void main(String args[])

{

P23\_7059 q=new P23\_7059();

q.disp();

q.displ();

q.display();

}

}

# OUTPUT:

