1. **Program for implementation of Packages and Inheritance in Java.**

**→**

**i.**

package packageDemo;

public class arith

{

public int a=20;

public int b=10;

public int c=5;

public int ans;

public void add()

{

ans=a+b+c;

System.out.println("Addition : "+ans);

}

public void subtract()

{

ans=a-b-c;

System.out.println("Subtraction : "+ans);

}

}

**ii.**

import packageDemo.arith;

public class multiply extends arith

{

public void mul()

{

ans=a\*b;

System.out.println("Multiplication : "+ans);

}

}

**iii.**

import packageDemo.arith;

public class divide extends arith

{

public void division()

{

ans=a/b;

System.out.println("Division : "+ans);

}

}

**iv.**

import packageDemo.\*;

public class Demo

{

public static void main(String[] args)

{

multiply obj1 = new multiply();

obj1.add();

obj1.subtract();

obj1.mul();

divide obj2 = new divide();

obj2.division();

}

}

**o/p :**

