Design a package named MyDate\_pack. This package should contain two public classes - MyDate with the following attributes – day, month, year. There should be proper methods for taking input and displaying the date. The other class is DateOperation with two MyDate objects as data members and the following functionality to be implemented as public method in the class: diff\_date() – for finding the difference between two MyDate instances. Write an overloaded constructor to read input values for boththe classes. Write a suitable main method to import this package and suitably use it.

Code:

package MyDate\_pack;

public class MyDate{

int day,month,year;

public MyDate(int a,int b,int c)

{

day=a;

month=b;

year=c;

}

Mydate()

{

}

public void display()

{

System.out.println("day:- " +day+ " month:- " +month+ " year:- " +year);

}

}

package MyDate\_pack;

public class DateOperation{

MyDate obj1,obj2;

MyDate obj3=new MyDate();

public DateOperation (MyDate obja, MyDate objb)

{

obj1=obja;

obj2=objb;

}

public DateOperation()

{

}

public void diff\_date()

{

obj3.day=obj1.day-obj2.day;

obj3.month=obj1.month-obj2.month;

obj3.year=obj1.year-obj2.year;

}

public void display()

{

System.out.println("day difference:- " +obj3.day+ " month difference:- " +obj3.month+ " year difference:- " +obj3.year);

}

}

import MyDate\_pack.MyDate;

import MyDate\_pack.DateOperation;

class MyDateMain{

public static void main(String args[])

{

MyDate date1=new MyDate(5,10,2017);

date1.display();

MyDate date2=new MyDate(4,9,2015);

date2.display();

DateOperation date3=new DateOperation();

date3.input(date1,date2);

date3.diff\_date();

date3.display();

}

}

OutPut-

