Design a package named MyTime\_pack. This package will contain two public classes - MyTime with the following attributes – hour, minute, second and another class TimeOperation with the following functionality to be implemented as public method in the class: diff\_time() – for finding the difference between two MyTime instances. Write an overloaded constructor to read input values for both the classes. Write a suitable main method to import this package and suitably use it.

**Code:**

package MyTime\_pack;

public class MyTime{

int hr, min, sec;

public MyTime(int h,int m, int s)

{

hr=h;

min=m;

sec=s;

}

public MyTime()

{  
}

public void display()

{

System.out.println("\n HH:MM:SS :" +hr+ ";" +min+ ";" +sec);

}

}

package MyTime\_pack;

public class TimeOperation{

MyTime ob1;

MyTime ob2;

MyTime obj3=new MyTime(1,2,3);

public TimeOperation (MyTime b1,MyTime b2)

{

ob1=b1;

ob2=b2;

}

public TimeOperation()

{  
}

public void diff\_time()

{

obj3.hr= ob1.hr - ob2.hr;

obj3.min= ob1.min - ob2.min;

obj3.sec= ob1.sec - ob2.sec;

}

public void display()

{

System.out.println("\n HH:MM:SS :" +obj3.hr+ ";" +obj3.min+ ";" +obj3.sec);

}

}

import MyTime\_pack.MyTime;

import MyTime\_pack.TimeOperation;

class MyTimeMain{

public static void main(String args[])

{

MyTime time1=new MyTime(5,10,2017);

time1.display();

MyTime time2=new MyTime(4,9,2015);

time2.display();

TimeOperation time3=new TimeOperation(time1,time2);

time3.diff\_time();

time3.display();

}

}

**Output:**

