**/\*Assignment based on Inheritance\*/**

import java.io.\*;

import java.util.\*;

import java.lang.\*;

class Base

{

public void show(){}

}

class SRNO extends Base

{

public void display()

{ for(int i=0;i<5;i++)

System.out.println(i);

}

public void show()

{

System.out.println("Method From SRNO");

}

}

class Team extends Base

{

String str="";

public String display()throws Exception

{

System.out.println("Enter team name:");

DataInputStream ds=new DataInputStream(System.in);

str=ds.readLine();

return(str);

}

public void show()

{

System.out.println("Method From Team");

}

}

class T20 extends Base

{

String str="";

public int display()throws Exception

{

System.out.println("Enter total matches:");

{

DataInputStream ds=new DataInputStream(System.in);

str=ds.readLine();

return(Integer.parseInt(str));

}

}

public void show()

{

System.out.println("Method from T20");

}

}

class WorldCup extends Base

{

String str="";

public String display()throws Exception

{

System.out.println("Enter winning worldcup total:");

{

DataInputStream ds=new DataInputStream(System.in);

str=ds.readLine();

return(str);

}

}

public void show()

{

System.out.println("Method From WorldCup ");

}

}

class Exp2

{

public static void main(String args[])throws Exception

{

String nm[]=new String[5];

Integer t2[]=new Integer[5];

String wcm[]=new String[5];

Team t=new Team();

T20 t1=new T20();

WorldCup wc=new WorldCup();

SRNO s=new SRNO();

for(int i=0;i<3;i++)

{

System.out.println();

System.out.println();

nm[i]=t.display();

t2[i]=t1.display();

wcm[i]=wc.display();

}

System.out.println("SRNO----TEAM----T20----Worldcup");

for(int i=0;i<3;i++)

{

System.out.print("\n"+i+"\t"+nm[i]+"\t"+t2[i]+"\t"+wcm[i]);

}

s.show();

t.show();

t1.show();

wc.show();

}

}

**/\***

**OUTPUT**

**admin1321@admin1321-HP-280-G3-SFF-Business-PC:~$ javac Exp2.java**

**Note: Exp2.java uses or overrides a deprecated API.**

**Note: Recompile with -Xlint:deprecation for details.**

**admin1321@admin1321-HP-280-G3-SFF-Business-PC:~$ java Exp2**

**Enter team name:**

**India**

**Enter total matches:**

**200**

**Enter winning worldcup total:**

**3**

**Enter team name:**

**Afrika**

**Enter total matches:**

**210**

**Enter winning worldcup total:**

**5**

**Enter team name:**

**Australia**

**Enter total matches:**

**189**

**Enter winning worldcup total:**

**3**

**SRNO----TEAM------T20-----Worldcup**

**0 India 200 3**

**1 Afrika 210 5**

**2 Australia 189 3**

**Method From SRNO**

**Method From Team**

**Method from T20**

**Method From WorldCup**

**\*/**