**/\*Assignment based on wrapper class in Java\*/**

**import java.io.\*;**

**import java.util.\*;**

**class wrapperDemo**

**{**

**public static void main(String args[])throws IOException**

**{**

**int i1,i2;**

**double d1,d2;**

**float f1,f2;**

**String c1,c2;**

**Scanner s=new Scanner(System.*in*);**

**System.*out*.println("Enter Two Integer Numbers:");**

**i1=s.nextInt();**

**i2=s.nextInt();**

**System.*out*.println("Enter Two Float Numbers:");**

**f1=s.nextFloat();**

**f2=s.nextFloat();**

**System.*out*.println("Enter Two Double data types Numbers:");**

**d1=s.nextDouble();**

**d2=s.nextDouble();**

**System.*out*.println("Enter Strings:");**

**c1=s.next();**

**c2=s.next();**

**//Autoboxing here**

**System.*out*.println("........AUTOBOXING........");**

**Integer c=new Integer(i1+i2);**

**System.*out*.println("Addition of two Integers="+c);**

**Float f=new Float(f1+f2);**

**System.*out*.println("Addition of two Float numbers="+f);**

**Double d=new Double(d1+d2);**

**System.*out*.println("Addition of two Double="+d);**

**String str=new String(""+(c1+c2));**

**System.*out*.println("Addition of two Strings="+str);**

**//Unboxing here**

**System.*out*.println("........UNBOXING........");**

**int i=c.intValue();**

**System.*out*.println("Integer Object To int="+i);**

**float ft=f.floatValue();**

**System.*out*.println("Integer Object To int="+ft);**

**double dd=d.doubleValue();**

**System.*out*.println("Integer Object To int="+dd);**

**}**

**}**

**/\*OUTPUT:**

**Enter Two Integer Numbers:**

**20 40**

**Enter Two Float Numbers:**

**20.5 40.5**

**Enter Two Double data types Numbers:**

**240.5 120.5**

**Enter Strings:**

**Raina deshmukh**

**........AUTOBOXING........**

**Addition of two Integers=60**

**Addition of two Float numbers=61.0**

**Addition of two Double=361.0**

**Addition of two Strings=Raina deshmukh**

**........UNBOXING........**

**Integer Object To int=60**

**Integer Object To int=61.0**

**Integer Object To int=361.0**

**\*/**