

```
import java.util.Scanner;
```

```
class Multi<TYPE1,TYPE2>
```

```
{
```

```
TYPE1 a;
```

```
TYPE2 b;
```

```
Multi(TYPE1 x, TYPE2 y)
```

```
{
```

```
a=x;
```

```
b=y;
```

```
}
```

```
void show()
```

```
{
```

```
System.out.println();
```

```
System.out.println(a);
```

```
System.out.println(b);
```

```
}
```

```
}
```

```
class Check
```

```
{
```

```
public static void main(String arg[])
```

```
{
```

```
Scientist sc=new Scientist();
```

```
Politician po=new Politician();
```

```
SportsPerson sp=new SportsPerson();
```

```
Multi<SportsPerson,Politician> dsp=new Multi<SportsPerson,Politician>(sp,po);
```

```
Multi<Politician,Scientist> dps=new Multi<Politician,Scientist>(po,sc);
```

```
Multi<Scientist,SportsPerson> dss=new Multi<Scientist,SportsPerson>(sc,sp);
```

```
dsp.show();
```

```
dps.show();
```

```
dss.show();
```

```
}
```

```
}
```

```
class Scientist
```

```
{
```

```
String sc;
```

```
Scientist()
```

```
{
```

```
Scanner ss=new Scanner(System.in);
```

```
System.out.println("ENTER THE NAME OF THE SCIENTIST::");
```

```
sc=ss.nextLine();
```

```
}
```

```
public String toString()
```

```
{
```

```
return sc;
```

```
}
```

```
}
```

```
class Politician
```

```
{
```

```
String s;
```

```
int i;
```

```
Politician()
```

```
{
```

```
Scanner ss=new Scanner(System.in);
```

```

System.out.println("ENTER THE NAME OF THE POLITICIAN::");
s=ss.nextLine();
System.out.println("ENTER THE AGE OF THE POLITICIAN::");
i=ss.nextInt();
}
public String toString()
{
return s+" "+i;
}
}
class SportsPerson
{
String name;
String ass;
SportsPerson()
{
Scanner ss=new Scanner(System.in);
System.out.println("ENTER THE NAME OF THE SPORTS PERSON::");
name=ss.nextLine();
System.out.println("ENTER THE SPORTS NAME THAT THE SPORTS MAN PLAYED::");
ass=ss.nextLine();
}
public String toString()
{
return name+" "+ass;
}
}

```