**package** generics;

**public** **class** Sample<T>

{

**private** T data;

**public** **void** setData(T newData)

{

data = newData;

}

**public** T getData( )

{

**return** data;

}

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

{

Sample<String> sample1 = **new** Sample<String>();

sample1.setData("HI");

String s = sample1.getData();

System.***out***.println(" sample1="+ s);

Sample<Integer> sample2 = **new** Sample<Integer>();

sample2.setData(78);

**int** x = sample2.getData();

System.***out***.println(" sample2=" + x);

/\*

Logically we have "Manufactured 2 classes":

class Sample<String>

{

String data;

public void setData(String newData)

{

data = newData;

}

public String getData( )

{

return data;

}

}

AND

class Sample<Integer>

{

Integer data;

public void setData(Integer newData)

{

data = newData;

}

public Integer getData( )

{

return data;

}

}

\*/

}

}