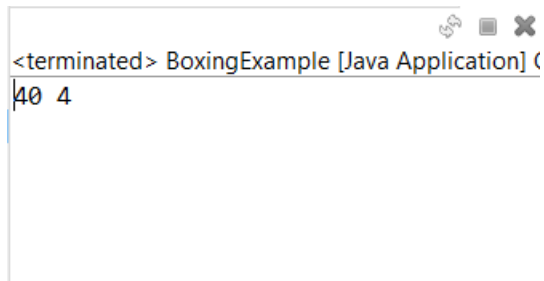## Example of autoboxing in Java –

```java
class BoxingExample {

public static void main(String args[]) {

int a=40;
Integer b2=new Integer(a);
Integer b3=4;
System.out.println(b2+" "+b3);

        }

}
```
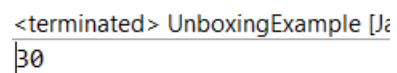
OUTPUT-

<terminated> BoxingExample [Java Application] (
40 4

Example of unboxing in Java –

```java
class UnboxingExample {

public static void main(String args[]) {

Integer i=new Integer(30);
int a=i;
System.out.println(a);

}
}
```

OUTPUT-

<terminated> UnboxingExample [Ja
30

Java garbage collection example –

```java
public class GarbageExample {

    public void finalize() {

        System.out.println("garbage collected object");
    }

    public static void main(String args[])
    {
    GarbageExample s1=new GarbageExample();
    GarbageExample s2=new GarbageExample();
    s1=null;
    s2=null;
    System.gc();

    }

}
```

OUTPUT-

<terminated> GarbageExample [Java
garbage collected object
garbage collected object

Example of finalize in Java –

```java
class Hello {

public static void main(String[] args)
{

String s = new String("RR");
s = null;
System.gc();
System.out.println("Main has Completed");
}
public void finalize()
{
System.out.println("finalize method overridden");
}
}
```

OUTPUT-

<terminated> Hello [Java Applica
Main has Completed