

```
package pack3;  
class A  
{  
    public static void main(String[ ] arg)  
    {  
        System.out.println(true);  
        System.out.println(false);  
    }  
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack3/A.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.A
```

```
true
```

```
false
```

```
D:\intern\app1\src>_
```

```
package pack3;
class B
{
    public static void main(String[ ] arg)
    {
        System.out.println(!true);
        System.out.println(!false);
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack3/A.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.A
```

```
true
```

```
false
```

```
D:\intern\app1\src>javac -d ../classes pack3/B.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.B
```

```
false
```

```
true
```

```
D:\intern\app1\src>
```

```
package pack3;
class C
{
    public static void main(String[ ] arg)
    {
        boolean b1=true;
        boolean b2=!b1;
        System.out.println(b1);
        System.out.println(b2);
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack3/A.java
D:\intern\app1\src>java -cp ../classes pack3.A
true
false
D:\intern\app1\src>javac -d ../classes pack3/B.java
D:\intern\app1\src>java -cp ../classes pack3.B
false
true
D:\intern\app1\src>javac -d ../classes pack3/C.java
D:\intern\app1\src>java -cp ../classes pack3.C
true
false
D:\intern\app1\src>
```

```
package pack3;
class F
{
    public static void main(String[ ] arg)
    {
        System.out.println(true && true);
        System.out.println(true && false);
        System.out.println(false && true);
        System.out.println(false && false);
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack3/F.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.F
```

```
true
```

```
false
```

```
false
```

```
false
```

```
D:\intern\app1\src>_
```

```
package pack3;
class D
{
    public static void main(String[ ] arg)
    {
        System.out.println(true || true);
        System.out.println(true || false);
        System.out.println(false || true);
        System.out.println(false || false);
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack3/D.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.D
```

```
true
```

```
true
```

```
true
```

```
false
```

```
D:\intern\app1\src>
```

```
package pack3;
class E
{
    public static void main(String[ ] arg)
    {
        boolean b1=true;
        boolean b2=false;
        boolean b3=false;

        System.out.println(b1 || b2);
        System.out.println(b1 || b3);
        System.out.println(b2 || b3);
    }
}
```

Command Prompt

```
D:\app2>cd ..
D:\>cd app2
D:\app2>cd src
D:\app2\src>
D:\app2\src>javac -d ../classes pack1/A.java
D:\app2\src>cd ..
D:\app2>cd classes
D:\app2\classes>java pack1.A
Hello world
D:\app2\classes>cd ../../intern
D:\intern>cd app1
D:\intern\app1>cd src
D:\intern\app1\src>javac -d ../classes pack3/E.java
D:\intern\app1\src>java -cp ../classes pack3.E
true
true
false
D:\intern\app1\src>
```

```
package pack3;
class G
{
    public static void main(String[ ] arg)
    {
        int i=0;
        System.out.println(true || (i++ == 0));
        System.out.println(i);
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack3/F.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.F
```

```
true
```

```
false
```

```
false
```

```
false
```

```
D:\intern\app1\src>javac -d ../classes pack3/G.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.G
```

```
true
```

```
0
```

```
D:\intern\app1\src>_
```

```
package pack3;
```

```
class I
```

```
{
```

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

```
    {
```

```
        int i=0;
```

```
        System.out.println((i++ == 0) || (i++ ==
```

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

```
    }
```

```
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack3/F.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.F
```

```
true
```

```
false
```

```
false
```

```
false
```

```
D:\intern\app1\src>javac -d ../classes pack3/G.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.G
```

```
true
```

```
0
```

```
D:\intern\app1\src>javac -d ../classes pack3/I.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.I
```

```
true
```

```
1
```

```
D:\intern\app1\src>_
```



```
package pack3;  
class J  
{  
    public static void main(String[ ] arg)  
    {  
        int i=0;  
        System.out.println((i++ == 1) || (i++ == 1) );  
        System.out.println(i);  
    }  
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack3/J.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.J
```

```
true
```

```
2
```

```
D:\intern\app1\src>
```

```
package pack3;
class K
{
    public static void main(String[ ] arg)
    {
        int i=0;
        System.out.println((i++ == 1) && (i++ == 1) );
        System.out.println(i);
    }
}
```

```
D:\intern\app1\src>javac -d ../classes pack3/K.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.K
```

```
false
```

```
1
```

```
D:\intern\app1\src>_
```

```
package pack3;
class L
{
    public static void main(String[ ] arg)
    {
        int i=0;
        System.out.println((i++ == 1) && (i++ == 1) );
        System.out.println(i);
    }
}
```

```
D:\intern\app1\src>javac -d ../classes pack3/K.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.K
```

```
false
```

```
1
```

```
D:\intern\app1\src>javac -d ../classes pack3/L.java
```

```
D:\intern\app1\src>java -cp ../classes pack3.L
```

```
false
```

```
1
```

```
D:\intern\app1\src>_
```