

```
package pack2;
class D
{
    static void test(int i)
    {
        System.out.println(" from test :"+i);
    }
    public static void main(String[ ] arg)
    {
        int m;
        test(m=10);
        System.out.println("done");
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack2/D.java
```

```
D:\intern\app1\src>java -cp ../classes pack2.D
 from test :10
done
```

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

```
package pack2;
class E
{
    static void test(int i,int j)
    {
        System.out.println(" i="+ i +",j="+j);
    }
    public static void main(String[ ] arg)
    {
        test(10,20);
        int i=200;
        test(i,500);
        test(2000,i);
        test(i,i);
        System.out.println("done");
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack2/E.java
```

```
D:\intern\app1\src>java -cp ../classes pack2.E
```

```
i=10,j=20
i=200,j=500
i=2000,j=200
i=200,j=200
done
```

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

```
package pack2;
class F
{
    static void test(int i)
    {
        System.out.println("test:" + i);
        i=10;
    }
    public static void main(String[ ] arg)
    {
        int i=20;
        System.out.println("main begin:" + i);
        test(i);
        System.out.println("main end:" + i);
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack2/F.java
```

```
D:\intern\app1\src>java -cp ../classes pack2.F
```

```
main begin:20
```

```
test:20
```

```
main end:20
```

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

```
package pack2;
class G
{
    static void test(int i)
    {
        System.out.println("test:" + i++);
    }
    public static void main(String[ ] arg)
    {
        int i=10;
        test(i);
        System.out.println("main:" + i);
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack2/F.java
```

```
D:\intern\app1\src>java -cp ../classes pack2.F
```

```
main begin:20
```

```
test:20
```

```
main end:20
```

```
D:\intern\app1\src>javac -d ../classes pack2/G.java
```

```
D:\intern\app1\src>java -cp ../classes pack2.G
```

```
test:10
```

```
main:10
```

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

```
package pack2;
class H
{
    static void test(int i)
    {
        System.out.println("test:" + i++);
        System.out.println("test:" + i);
    }
    public static void main(String[ ] arg)
    {
        int i=10;
        test(i);
        System.out.println("main:" + i);
    }
}
```

```
D:\intern\app1\src>javac -d ../classes pack2/H.java
```

```
D:\intern\app1\src>java -cp ../classes pack2.H
```

```
test:10
```

```
test:11
```

```
main:10
```

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

```
package pack2;
class I
{
    static void test(boolean flag,int X)
    {
        System.out.println("from test");
        System.out.println(flag);
        System.out.println(X);
    }
    public static void main(String[ ] arg)
    {
        test(true,20);
        System.out.println("-----");
        boolean f1=false;
        test(f1,30);
    }
}
```

```
D:\intern\app1\src>javac -d ../classes pack2/I.java
```

```
D:\intern\app1\src>java -cp ../classes pack2.I
```

```
from test
```

```
true
```

```
20
```

```
-----
```

```
from test
```

```
false
```

```
30
```

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

```
package pack2;
class J
{
    static void test(double d1,char c1)
    {
        System.out.println("from test");
        System.out.println(d1);
        System.out.println(c1);
    }
    public static void main(String[ ] arg)
    {
        System.out.println("from main");
        test(90.9090,'a');
        double v1=89.0909;
        char v2='s' ;
        test(v1,v2);
    }
}
```

```
D:\intern\app1\src>javac -d ../classes pack2/I.java

D:\intern\app1\src>java -cp ../classes pack2.I
from test
true
20
-----
from test
false
30

D:\intern\app1\src>javac -d ../classes pack2/J.java

D:\intern\app1\src>java -cp ../classes pack2.J
from main
from test
90.909
a
from test
89.0909
s

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



```
package pack2;
class K
{
    static int test( )
    {
        int i=0;
        return i++;
    }
    public static void main(String[ ] arg)
    {
        System.out.println(test( ) );
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack2/K.java
```

```
D:\intern\app1\src>java -cp ../classes pack2.K
0
```

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



```
package pack2;
class L
{
    static int test( )
    {
        int i=0;
        return i++;
    }
    public static void main(String[ ] arg)
    {
        int i=0;
        System.out.println(test( ) );
        System.out.println(i);
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack2/K.java
```

```
D:\intern\app1\src>java -cp ../classes pack2.K
0
```

```
D:\intern\app1\src>javac -d ../classes pack2/L.java
```

```
D:\intern\app1\src>java -cp ../classes pack2.L
0
0
```

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

```
package pack2;
class M
{
    static int test( int i )
    {
        return i++;
    }
    public static void main(String[ ] arg)
    {
        int i=0;
        System.out.println(test(i) );
        System.out.println(i);
    }
}
```

Command Prompt

```
D:\intern\app1\src>javac -d ../classes pack2/K.java
D:\intern\app1\src>java -cp ../classes pack2.K
0
D:\intern\app1\src>javac -d ../classes pack2/L.java
D:\intern\app1\src>java -cp ../classes pack2.L
0
0
D:\intern\app1\src>javac -d ../classes pack2/M.java
D:\intern\app1\src>java -cp ../classes pack2.M
0
0
D:\intern\app1\src>
```

```
package pack2;
class N
{
    static int test( int i )
    {
        return i--;
    }
    public static void main(String[ ] arg)
    {
        int i=0;
        System.out.println(i);
        System.out.println(test(i));
        System.out.println(i);
        i=test(i);
        System.out.println(i);
    }
}
```

```
D:\intern\app1\src>javac -d ../classes pack2/N.java
```

```
D:\intern\app1\src>java -cp ../classes pack2.N
```

```
0
```

```
0
```

```
0
```

```
0
```

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