

```
//
// FILE:  rand_demo.java  --  Demonstrates use of class Random
//
import java.util.Random ;

class rand_demo {
    public static void main( String [] args )
    {
        int n = 25 ; // We will get a random number 0 <= x < n.
        int k      ;

        Random obj = new Random() ;

        // The method nextInt(n) will return a pseudo-random number
        // in the range [ 0 , n-1 ]
        //
        k = obj.nextInt(n) ;

        System.out.println( "k = " + k ) ;
    }
}
```

```
----- Sample Session -----
pukana% javac rand_demo.java
pukana% java rand_demo
k = 6
pukana% java rand_demo
k = 7
pukana% java rand_demo
k = 24
pukana% java rand_demo
k = 23
pukana% java rand_demo
k = 8
pukana% java rand_demo
k = 12
```