

Java program to generate random number - Example

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Example Program to generate random numbers

In the below program, we are using the `nextInt()` method of `Random` class to serve our purpose.

```
/* Program: Random number generator
 * Written by: Chaitanya from beginnersbook.com
 * Input: None
 * Output: Random number between 0 and 200*/
import java.util.*;
class GenerateRandomNumber {
    public static void main(String[] args) {
        int counter;
        Random rnum = new Random();
        /* Below code would generate 5 random numbers
         * between 0 and 200.
         */
        System.out.println("Random Numbers:");
        System.out.println("*****");
        for (counter = 1; counter <= 5; counter++) {
            System.out.println(rnum.nextInt(200));
        }
    }
}
```

Output:

```
Random Numbers:
*****
135
173
5
17
15
```

The output of above program would not be same everytime. It would generate any 5 random numbers between 0 and 200 whenever you run this code. For e.g. When I ran it second time, it gave me the below output, which is entirely different from the above one.

Output 2:

```
Random Numbers:
*****
46
99
191
7
```

