- To get a single character (char) using a Scanner:

Scanner input = new Scanner (System.in);

String str = input.next( );

char theChar = str.charAt( 0 );

- When the user presses enter on an input then the newline escape sequence will appear.

- Random Class: in the java.util package.

import java.util.Random;

We will use the default constructor when using the Random class.

We’re going to use the nextInt method that will use one parameter.

Int nextInt (int bound)

Returns a random number in the range 0 to bound-1.

Declaration-initialization:

Random randGen = new Random( );

Int num = randGen.nextInt ( 10 ) ;

Possible values: 0 to 9

For a 20 sided die, we’ll want to add + 1 outside of the bounds because we don’t want to roll a die and get a chance that we’ll roll a zero side, which is impossible.

Int num = randGen.nextInt(20) + 1;

- The static keyword. The class cannot see what is in the objects.