

```
import java.util.Scanner;
```

```
public class Third {
```

```
    public static void main (String[] args) {
```

```
        Scanner sc = new Scanner (System.in);
```

```
        System.out.println("Enter an integer: ");
```

```
        int x = sc.nextInt();
```

```
        System.out.println("you entered a " + x);
```

```
    } // end main
```

```
} // end class
```

Scanner sc;     sc → null

creates a reference variable of type class Scanner.

it points to null since it has not been given a reference that is valid

```
new Scanner (System.in);
```

↑  
used to instantiate or create a new object  
↑  
constructor call (a very special method)  
↑  
input required by constructor call

which object  
method call, no parameters required

object.methodCall( params)

"use tools / javadoc open (java-api, javadoc) for word under cursor"