**Ex6**

**1-Concatenating two strings, that is, making a string consisting of the first string, followed by the second string.**

String first = "eyad ";

String secend = "ayman";

String third = first.concat(secend);

System.out.println(third);

/\*

Class : String

return type : String

method name : concat

types of the arguments : String

\*/

**2-Removing leading and trailing white space of a string.**

String remove = " This is Trim Method ! ";

System.out.println(remove.trim());

/\*

Class : String

return type : String

method name : trim

types of the arguments : no arguments

\*/

**3-Converting a rectangle to a string.**

Rectangle box = new Rectangle( );

System.out.println(box.toString( ));

/\*

Class : Rectangle

return type : String

method name : toString

types of the arguments : no arguments

\*/

**4-Computing the smallest rectangle that contains two given rectangles.**

Rectangle box1 = new Rectangle(5,5,20,30);

Rectangle box2 = new Rectangle(20,30,20,30);

System.out.println(box1.union(box2));

/\*

Class : Rectangle

return type : Rectangle

method name : union

types of the arguments : Rectangle

\*/

**5-Returning a random floating-point number.**

Random rNumber = new Random();

System.out.println(rNumber.nextFloat());

/\*

Class : Random

return type : float

method name : nextFloat

types of the arguments : no arguments

\*/