

#3.

- `str.equals(string s)`: to check whether the contents of two strings are equal or not.
- `str.equalsIgnoreCase(string s)`: to check whether the contents of two strings are equal or not but it does not depend upon the case of characters.
- `str.compareTo(string s)`: to compare two strings according to the dictionary order (in accordance with the ASCII codes for cases of characters).
- `str.valueOf(int i)`: to convert different types of data into string data type.

```
import java.lang.*;
import java.util.*;
class StringPra3 {

    public static void main(String[] args) {

        String str1="Pyramid";
        String str2="pyramid";
        String str3="Pyramid";

        System.out.println("    1    ");
        System.out.println(str1.equals(str2));
        System.out.println("    2    ");
        System.out.println(str1.equals(str3));
        System.out.println("    3    ");
        System.out.println(str1.equalsIgnoreCase(str2));
        System.out.println("    4    ");
        System.out.println(str1==str2);
        System.out.println("    5    ");
        System.out.println(str1==str3);
        String str4="pyramid";
        String str5="china wall";
        String str6=new String("china tall");
        System.out.println("    6    ");
        System.out.println(str4.equals(str6));
        System.out.println("    7    ");
        System.out.println(str4.compareTo(str6));
        System.out.println("    8    ");
        System.out.println(str5.equals(str6));
        System.out.println("    9    ");
        System.out.println(str6.compareTo(str6));
```

```
String str7="the great wall ";
String str8="of china";
System.out.println("    10    ");
System.out.println(str7.contains("wall"));
System.out.println("    11    ");
System.out.println(str7.concat(str8));
}
}
```

```
G:\CODING\JAVA\JavaCodes>javac StringPra3.java
```

```
G:\CODING\JAVA\JavaCodes>java StringPra3
```

```
    1
false
    2
true
    3
true
    4
false
    5
true
    6
false
    7
13
    8
false
    9
0
   10
true
   11
the great wall of china
```