

King Saud University
College of Computer & Information Science
CSC111 – Tutorial 6
Arithmetic operator, Increment, Decrement
All Sections

Exercise 1:

Write a java application that determines if a person is an adult or child based on his age.

If the age of a person is equal or greater than 15, the person is an adult.

If the age of a person is less than 15, the person is a child.

Hint: you can solve it in two different ways.

Exercise 2:

Solve exercise 3 from tutorial 5 using IF STATEMENT.

Create a class Restaurant that has its name (String), the cuisine type (String), the establishment year (int), and a variable to determine if it was closed before (boolean).

Now, after creating the class, write the following lines of code in a separate program. However, you should add some code to it where marked, so that you can verify if

(rest1 == rest2) also verify if (rest2 == rest3).

Hint: you have to use if statements.

```
Restaurant rest1 = new Restaurant();
```

```
rest1.name = "Italian nights";
rest1.type = "Italian";
rest1.establishYear = 2010;
rest1.wasClosed = true;

Restaurant rest2 = new Restaurant();
rest2.name = "Layali Najd";
rest2.type = "Saudi";
rest2.establishYear = 2008;
rest2.wasClosed = false;

Restaurant rest3 = new Restaurant();
rest3.name = "Layali Najd";
rest3.type = "Saudi";
rest3.establishYear = 2008;
rest3.wasClosed = false
```

//continue the program here -----

Exercise 3:

Write a java program that counts the commission of a salesman as following:

Total Sales	Commission rate
Less than 500	0
Grater than or equal 500	5%
Grater than or equal 1000	8%

Your program should ask the user to enter the total sales and then print the total commission.

Example:

```
Please Enter the total sales:  
1200  
The commission is: 96.0
```