Java

Assignment-7

Name   :   Kasthuri Anusha

Email id   :   kasthurianusha755@gmail.com

Batch   :   July 2023
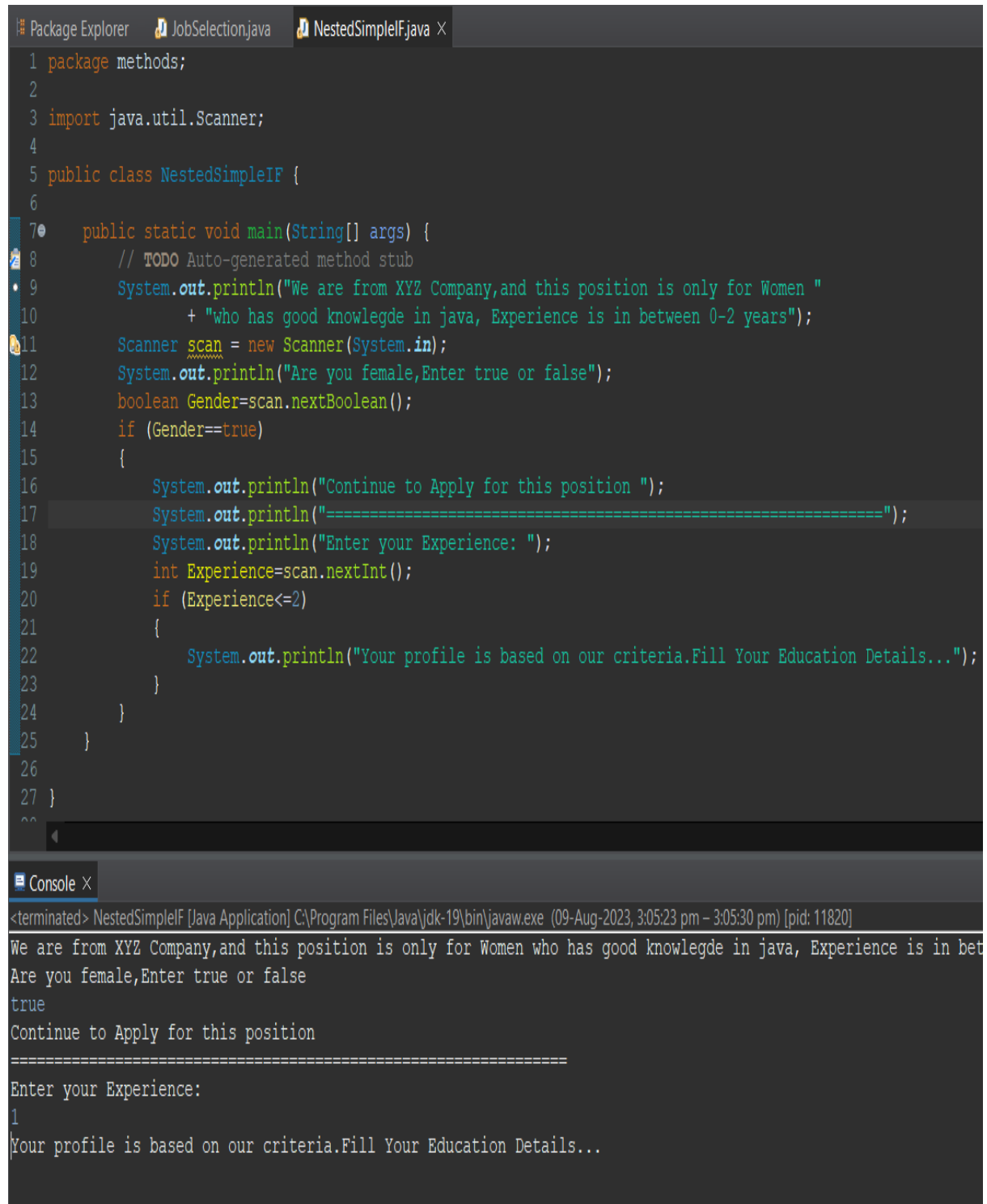
Trainer   :   Punith sir

Topic   :   Control Construct

Nested Simple if:

Statement:

We are from XYZ Company, This position is only for Women who are having 0-2 experience with good knowledge in Java.

```java
package methods;

import java.util.Scanner;

public class NestedSimpleIF {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        System.out.println("We are from XYZ Company,and this position is only for Women "
                + "who has good knowlegde in java, Experience is in between 0-2 years");
        Scanner scan = new Scanner(System.in);
        System.out.println("Are you female,Enter true or false");
        boolean Gender=scan.nextBoolean();
        if (Gender==true)
        {
            System.out.println("Continue to Apply for this position ");
            System.out.println("========================================================");
            System.out.println("Enter your Experience: ");
            int Experience=scan.nextInt();
            if (Experience<=2)
            {
                System.out.println("Your profile is based on our criteria.Fill Your Education Details...");
            }
        }
    }
}
```
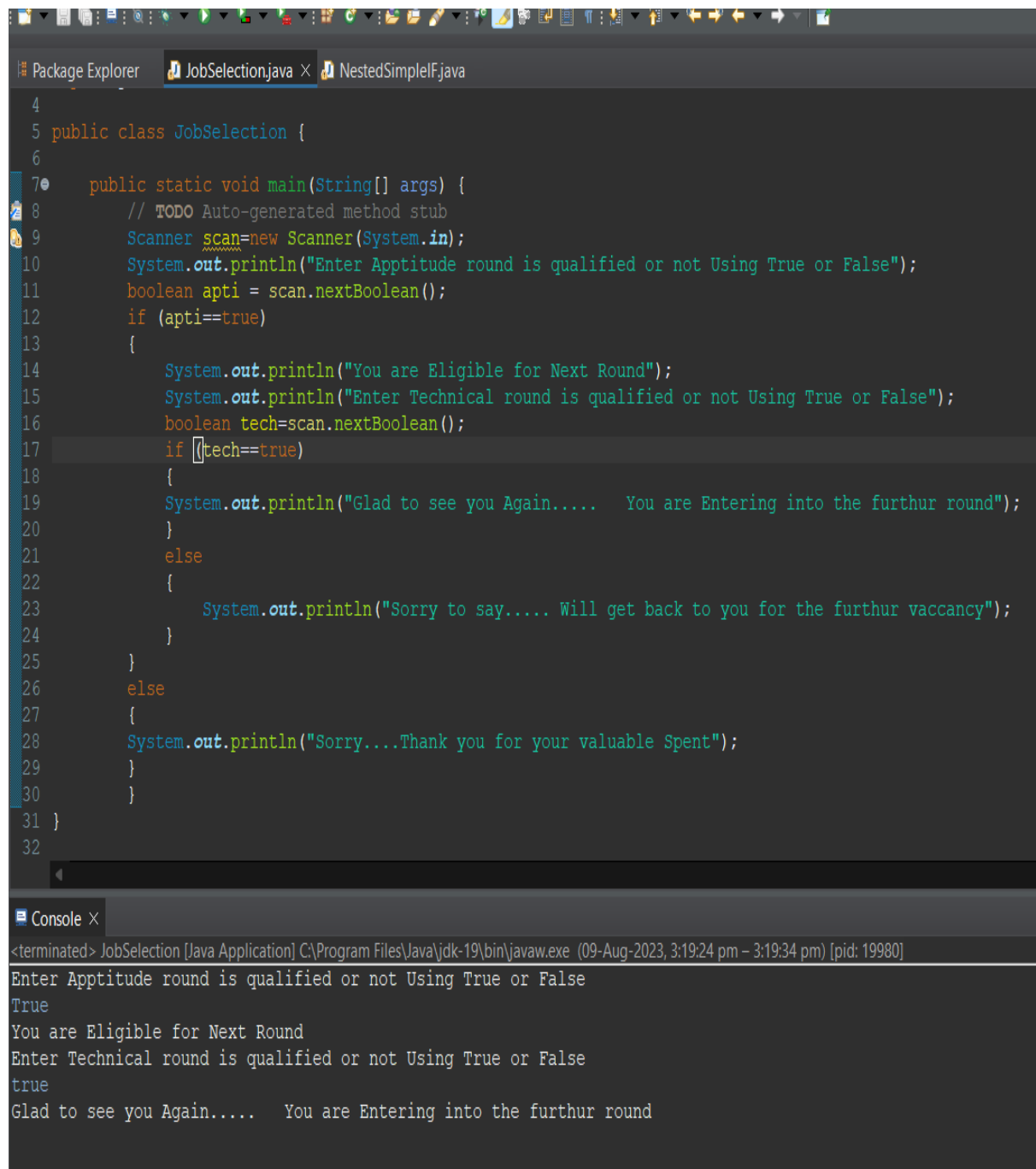
Console X

<terminated> NestedSimpleIF [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (09-Aug-2023, 3:05:23 pm – 3:05:30 pm) [pid: 11820]

```
We are from XYZ Company,and this position is only for Women who has good knowlegde in java, Experience is in bet
Are you female,Enter true or false
true
Continue to Apply for this position
========================================================
Enter your Experience:
1
Your profile is based on our criteria.Fill Your Education Details...
```

Nested Simple if:

Nested if else/else if:

Statement:

How the job Selection process would be in Some XYZ Company. If you are Qualify Aptitude round then you entered into technical round, if you are not Qualified in Aptitude ,you are not Eligible, if you crack the technical round you are eligible for next round, If you would not crack the technical round , you don't get a Chance to Participate Further round.

Program:

```java
5 public class JobSelection {
6
7    public static void main(String[] args) {
8        // TODO Auto-generated method stub
9        Scanner scan=new Scanner(System.in);
10       System.out.println("Enter Apptitude round is qualified or not Using True or False");
11       boolean apti = scan.nextBoolean();
12       if (apti==true)
13       {
14           System.out.println("You are Eligible for Next Round");
15           System.out.println("Enter Technical round is qualified or not Using True or False");
16           boolean tech=scan.nextBoolean();
17           if (tech==true)
18           {
19               System.out.println("Glad to see you Again.....   You are Entering into the furthur round");
20           }
21           else
22           {
23               System.out.println("Sorry to say..... Will get back to you for the furthur vaccancy");
24           }
25       }
26       else
27       {
28           System.out.println("Sorry....Thank you for your valuable Spent");
29       }
30    }
31 }
32
```

Console

<terminated> JobSelection [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (09-Aug-2023, 3:19:24 pm – 3:19:34 pm) [pid: 19980]

```
Enter Apptitude round is qualified or not Using True or False
True
You are Eligible for Next Round
Enter Technical round is qualified or not Using True or False
true
Glad to see you Again.....   You are Entering into the furthur round
```

Difference b/w if-else ladder & Switch case

S.No	switch statement	if-else-if ladder statement
1.	This statement is easy to handle.	This statement is difficult to handle.
2.	In switch statement each case of switch the last statement must be the break statement.	In if-else-if ladder statement there is no necessity of break statement.
3.	There is no need to put the multiple statements of a case into braces.	Multiple statements of if-else-if ladder statement must be within braces.
4.	switch statement has clear format than if-else-if ladder statement.	if-else-if ladder statement have a complex format.
5.	In switch statement the keyword switch, case and default are used.	In if-else-if ladder statement the keyword if and else are used.

…………………Thank you……………