JAGYASINI RAUTRAY

rautrayjagyasini@gmail.com

8249695758

PL-1752 , Biswanath Nagar,BJB Nagar, Bhubaneswar

https://www.linkedin.com/in/jagyasini-rautray-29b248250

SKILLS

C	Python	Data Structures
C++	HTML	SQL
Java	CSS	Algorithms
ReactJs	Snowflake	

PERSONAL DETAILS

Date of Birth : 01/01/2002

Gender : Female

Languages Known : English ,Hindi, Odia

INTERESTS

Painting	Travelling
Volunteering.	Dance

ADDITIONAL INFORMATION

Participated in NCC in National level rifle shooting

Vice Captain in school

Trained in odissi dance

OBJECTIVE

To enhance my professional skills, capabilities and knowledge in an organization which recognizes the value of hard work and trusts me with responsibilities and challenges

EDUCATION

B.Tech (Computer science and engineering) 07/2019-07/2023

ITER(SOA University)

7.89 CGPA

12th (Senior secondary) 04/2018-04/2019

Buxi Jagabandhu English Medium school(CBSE)

62.6 %

10th (Secondary) 04/2016-04/2017

Buxi Jagabandhu English Medium school (CBSE)

83.6%

EXPERIENCE

Analyst trainee intern 01/06/2022 - 01/06/2023

Highradius Technologies

Working as a tester and debugger for the defects on Salesforce. Our work is to optimise, clean and make data processing faster for the clients using technologies like SQL and Snowflake.

PROJECTS

AI Enabled fintech B2B invoice Management Application

Full stack project which predicts the invoice date and automates the whole process. Technology used automates the whole process. Technology used python,java,react,html,css and javascript.

Internet of Things (IOT) using Python - Diwali light Decoration

Created Iot enabled diwali lights whose color can be controlled over Wi-Fi wirelessly from anywhere using Raspberry pi pico

ACHIEVEMENTS & AWARDS

Python Data Structures (University of Michigan) -Coursera

Crash course on Python (Google)-Coursera

Foundations:Data,Data, Everywhere (Google)-Coursera

HTML,CSS,and JavaScript for web developers(John Hopkins University)-Coursera

Bootcamp on JavaScript &Backend with node js by ShapeAI

Bootcamp on Python and Machine learning by ShapeAI

ASSIGNMENT-6

Here we'll be learning about:

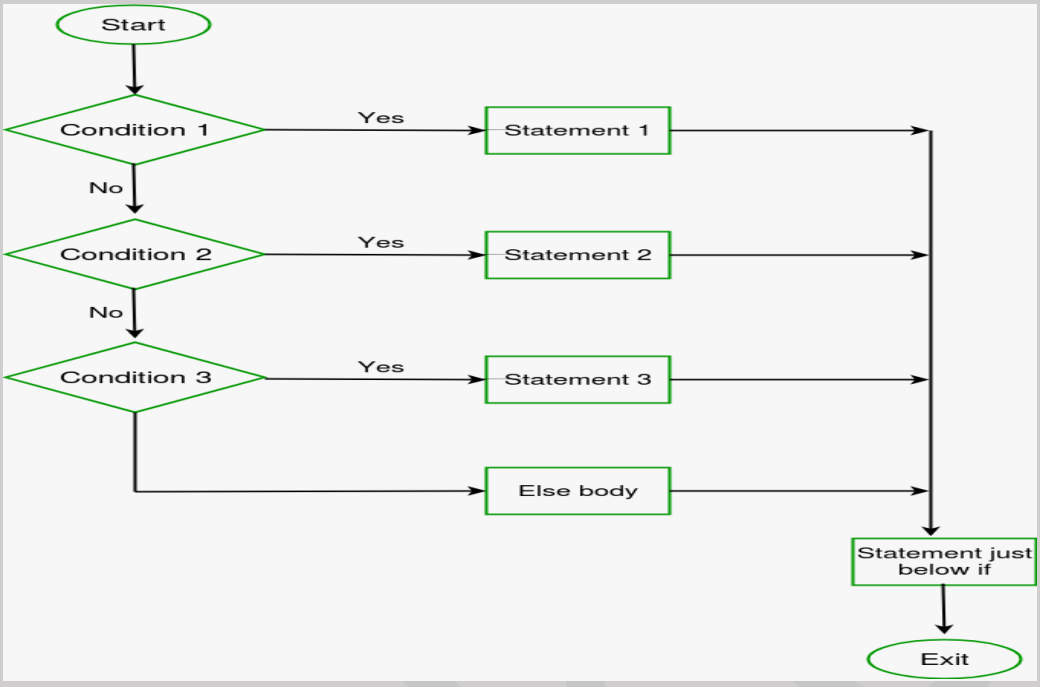
- else-if
- switch statement:

In Java, both the "else if" ladder and the "switch" statement are used for conditional branching and controlling the flow of a program based on certain conditions. However, they have different use cases and syntax structures.

Else If Ladder:

An "else if" ladder is a series of consecutive "if" and "else if" statements that are used to test multiple conditions in order. The statements inside the first "if" block that evaluates to true will be executed, and if none of the conditions are met, the optional "else" block is executed.

Flow-chart:



EXAMPLE:

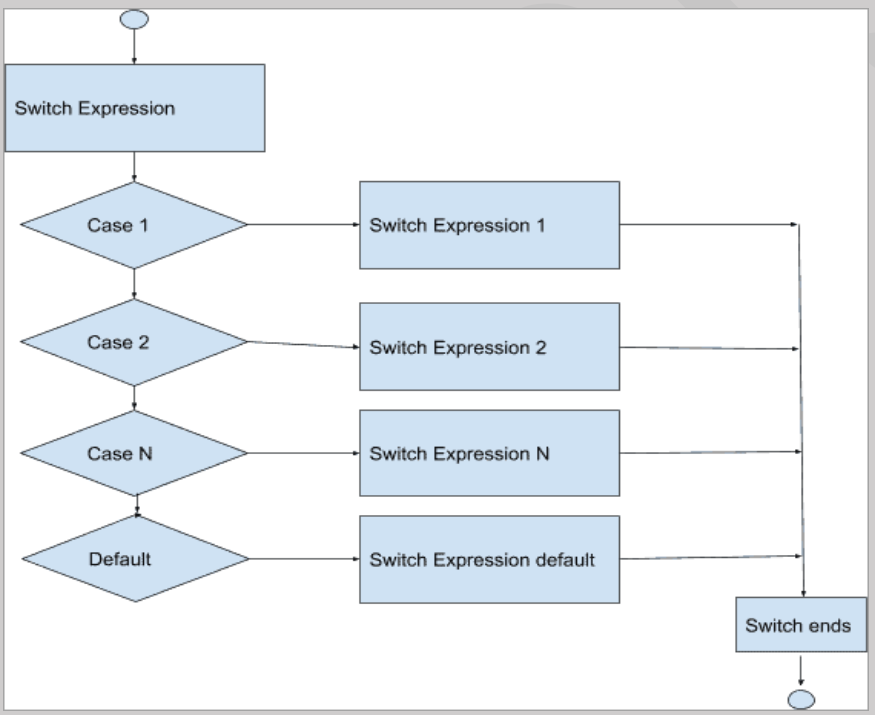
```
int num = 3;

if (num == 1) {
    System.out.println("Number is 1");
} else if (num == 2) {
    System.out.println("Number is 2");
} else if (num == 3) {
    System.out.println("Number is 3");
} else {
    System.out.println("Number is not 1, 2, or 3");
}
```

Switch Statement:

A "switch" statement provides an efficient way to test the value of a single expression against multiple possible constant values. It's often used when you have a specific value to compare against and you want to execute different code blocks based on the value.

Flow-chart:



EXAMPLE:

```java
int num = 2;

switch (num) {
    case 1:
        System.out.println("Number is 1");
        break;
    case 2:
        System.out.println("Number is 2");
        break;
    case 3:
        System.out.println("Number is 3");
        break;
    default:
        System.out.println("Number is not 1, 2, or 3");
}
```

Question: Difference between else if ladder and switch in java.

Answer: The difference between the if-else and if-else-if ladder is, in the case of the if-else statement, you have only one expression, so based on that decision is taken. But in the case of the if-else-if ladder, you can evaluate multiple expressions.

else if ladder	Switch Statement
The expression used in if-else ladder	The expression used in switch statement

statement returns true or false value	can return an integer or character.
if-else ladder statement has poor flexibility.	switch statement has more flexibility.
This statement is difficult to handle.	This statement is easy to handle.
In if-else-if ladder statement the keyword if and else are used.	In switch statement the keyword switch, case and default are used.

In summary, use an "else if" ladder when you have complex conditions to evaluate, and use a "switch" statement when you have a single value to compare against multiple constant values. The use of break statement in switch is essential but there is no need of use of break in else if ladder. The variable data type that can be used in expression of switch is integer only where as in else if ladder accepts integer type as well as character in it.

Submitted by: Jagyasini Rautray

Submitted to: Punith Sir

--------END--------