JAGYASINI RAUTRAY

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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 – 1

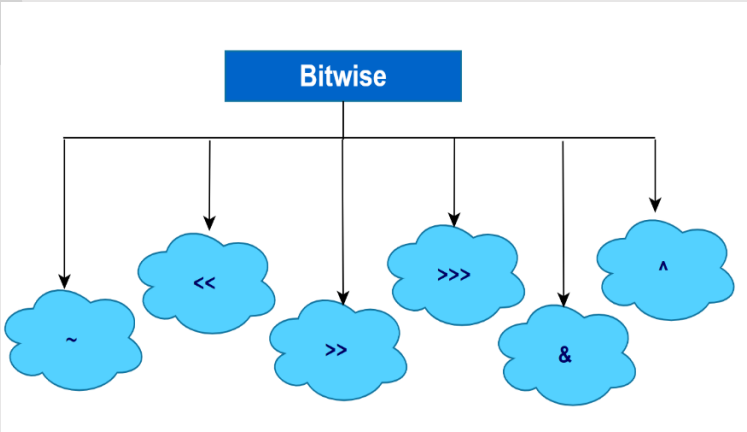
➢ What is Java?

Java is a class-based object-oriented programming language that implements the principle of write once code anywhere. Since Java applications are compiled to byte-code, they can run on any JVM-supported machine. Java codes are very similar to C/C++, which makes them easier to understand.

➢ Let's know about some Operators in java: -

In Java, bitwise operators are used to perform operations at the bit level on integral data types (byte, short, int, long) and char. These operators treat the operands as a sequence of bits and perform specific bitwise operations on them.

The shift operators available in the Java programming language are listed below. The shift operator is a java operator that is used to shift bit patterns right or left.



➢ What is Right shift and Left shift Operators?

Operator	Symbol	Description
Signed Left Shift	<<	Shifts all the bits to the left by a specified number. For example, num<<2, will shift the bits of num to the left by two positions.
Signed Right Shift	>>	Shifts all the bits to the right by a specified number. For example, num>>2, will shift the bits of num to the right by two positions.
Unsigned Right Shift	>>>	Same as Signed Right Shift except that it fills the vacant leftmost positions with 0's instead of sign bit

- **Right shift Operator: -**

Bitwise Right Shift (>>): The bitwise right shift operator shifts the bits of the left operand to the right by the number of positions specified by the right operand. The rightmost bits are discarded, and the leftmost bits are filled with the sign bit (0 for positive numbers and 1 for negative numbers).

How to know-

Exp: Calculate the value of number>>2 if number=8.When the value of a number is shifted to the right two places, the rightmost two bits are lost. The number has a value of eight. 1000 is the binary representation of the number 8. The >> sign represents the right shift operator, which is understood as double greater than. When you type x>>n, you tell the computer to move the bits x to the right n places.

- **Left shift Operator: -**

Bitwise Left Shift (<<): The bitwise left shift operator shifts the bits of the left operand to the left by the number of positions specified by the right operand. The rightmost bits are filled with zeros, and the leftmost bits that are shifted out are discarded.

How to know –

Exp: Calculating the value of number<<2 if number=2. When the value of a number is shifted to the left two places, the leftmost two bits are lost. The number has a value of two. 0010 is the binary representation of the number.

This operator is represented by a symbol <<, read as double less than.

Submitted By: Jagyasini Rautray

Submitted to: Punith Sir

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