If Else Statements

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**What are if-else statements in Java and what they are used for?**

Java if-else statement is used to test the condition.

It controls the flow of the program based on the condition and executes the statement if condition is true

**What is ternary operator in Java?**

Java ternary operator can be used instead of if-else statement

It is used a lot in Java programming

Syntax:

variable = expression1 ? Expression2 : expression3

**What is switch statement in Java?**

It is kind of an if else statement but based on cases instead of conditions

It can only work with byte, short, int, char, String and Enum.

**When do we use switch statements instead of if-else statements?**

We use switch statements instead of if-else when we know the certain amount of cases but it’s less than 50 cases.

**What is break statement in Java?**

In Java break statement is used for the termination. It is used with switch statements and loop statements

Syntax:

break;