



JAVA

IF Condition and Switch Case

- What is Concatenation in JAVA.
- Learn about the IF-ELSE Condition.
- Switch Case in JAVA.

- Java *if statement* is used to test the condition. It checks boolean condition: *true* or *false*.
- Syntax :
`if(condition){
//code to be executed
}`
- If-else statement
- Nested If-else statement

- Switch Statement : The Java *switch statement* executes one statement from multiple conditions.
- Points about Switch Statement:
 - There can be one or N number of case values for a switch expression.
 - The case value must be of switch expression type only.
 - The case values must be *unique*. In case of duplicate value, it renders compile-time error.
 - Each case statement can have a *break statement* which is optional.
 - The case value can have a *default label* which is optional.

➤ Switch Case Syntax :

```
switch(expression){  
  case value1:  
    //code to be executed;  
    break; //optional  
  case value2:  
    //code to be executed;  
    break; //optional  
  .....  
  
  default:  
    code to be executed if all cases are not matched;  
}
```

Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, completing the word 'Thank you!' in a cursive script on a white surface. The hand is positioned on the right side of the frame, with the index and thumb fingers visible, holding the marker. The marker is black with a silver band. The text 'Thank you!' is written in a fluid, cursive style, with the exclamation mark being the final stroke. The background is a plain, light-colored surface.

See you in next lecture ...