

APEX - IF ELSE STATEMENT

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if-else Statement

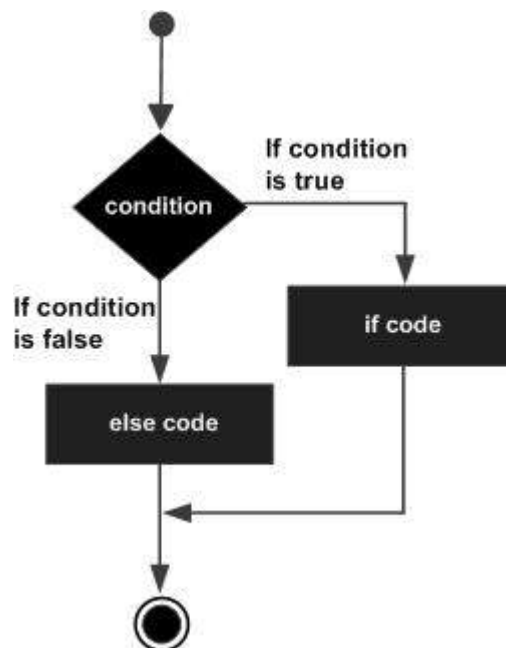
An if statement can be followed by an optional else statement, which executes when the boolean expression is false.

Syntax:

```
if boolean_expression {  
    /* statement(s) will execute if the boolean expression is true */  
} else {  
    /* statement(s) will execute if the boolean expression is false */  
}
```

If the boolean expression evaluates to true, then the if block of code will be executed, otherwise else block of code will be executed.

Flow Diagram:



Example:

Suppose, our Chemical company has customers of two categories: Premium and Normal. Based on the customer type we should provide them discount and other benefits like after sales service and support. Below is the implementation for this.

```
//Execute this code in Developer Console and see the Output  
String customerName = 'Glenmarkone'; //premium customer  
Decimal discountRate = 0;  
Boolean premiumSupport = false;  
if (customerName == 'Glenmarkone') {  
    discountRate = 0.1; //when condition is met this block will be executed  
    premiumSupport = true;  
    System.debug('Special Discount given as Customer is Premium');  
}  
else {  
    discountRate = 0.05; //when condition is not met and customer is normal  
    premiumSupport = false;  
    System.debug('Special Discount Not given as Customer is not Premium');  
}
```

As 'Glenmarkone' is a premium customer so the if block will be executed based on the condition and in rest of the cases, the else condition would be triggered.