# PERL UNLESS…ELSE STATEMENT

A Perl **unless** statement can be followed by an optional **else** statement, which executes when the boolean expression is true.
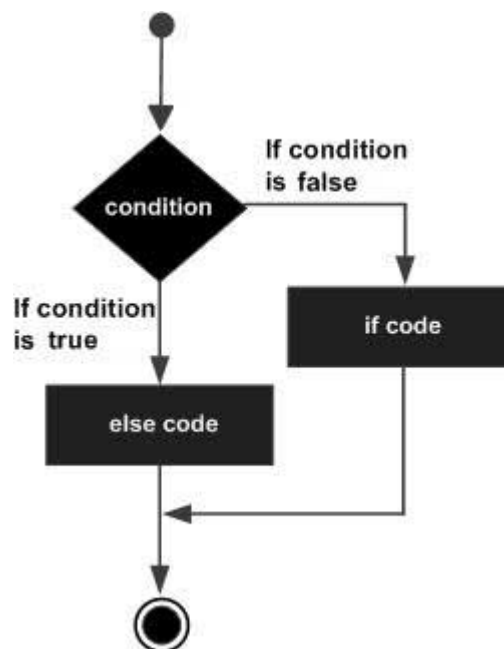
## Syntax

The syntax of an **unless…else** statement in Perl programming language is −

```
unless(boolean_expression){
   # statement(s) will execute if the given condition is false
}else{
   # statement(s) will execute if the given condition is true
}
```

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

> *The number 0, the strings '0' and "" , the empty list , and undef are all **false** in a boolean context and all other values are **true**. Negation of a true value by ! or **not** returns a special false value.*

## Flow Diagram



## Example

```
#!/usr/local/bin/perl

$a = 100;
# check the boolean condition using unless statement
unless( $a == 20 ){
    # if condition is false then print the following
    printf "given condition is false\n";
}else{
    # if condition is true then print the following
    printf "given condition is true\n";
}
print "value of a is : $a\n";
```

```
$a = "";
# check the boolean condition using unless statement
unless( $a ){
    # if condition is false then print the following
    printf "a has a false value\n";
}else{
    # if condition is true then print the following
    printf "a has a true value\n";
}
print "value of a is : $a\n";
```

When the above code is executed, it produces the following result —

```
given condition is false
value of a is : 100
a has a false value
value of a is :
```