Conditional Statements - IF...ELSE

If condition

#!/usr/local/bin/perl

$a = 100;

# check the boolean condition using if statement

if( $a == 20 ) {

# if condition is true then print the following

printf "a has a value which is 20\n";

} elsif( $a == 30 ) {

# if condition is true then print the following

printf "a has a value which is 30\n";

} else {

# if none of the above conditions is true

printf "a has a value which is $a\n";

#!/usr/local/bin/perl

$name = "Ali";

$age = 10;

$status = ($age > 60 )? "A senior citizen" : "Not a senior citizen";

print "$name is - $status\n";

unless

#!/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";

# switch Statement

#!/usr/local/bin/perl

use Switch;

$var = 10;

@array = (10, 20, 30);

%hash = ('key1' => 10, 'key2' => 20);

switch($var) {

case 10 { print "number 100\n" }

case "a" { print "string a" }

case [1..10,42] { print "number in list" }

case (\@array) { print "number in list" }

case (\%hash) { print "entry in hash" }

else { print "previous case not true" }

}

#!/usr/local/bin/perl

use Switch;

$var = 10;

@array = (10, 20, 30);

%hash = ('key1' => 10, 'key2' => 20);

switch($var) {

case 10 { print "number 100\n"; next; }

case "a" { print "string a" }

case [1..10,42] { print "number in list" }

case (\@array) { print "number in list" }

case (\%hash) { print "entry in hash" }

else { print "previous case not true" }

}

# Perl – Loops

# for loop in Perl

# Perl while Loop

#!/usr/local/bin/perl

$a = 10;

# while loop execution

while( $a < 20 ) {

printf "Value of a: $a\n";

$a = $a + 1;

}

# Perl until Loop

#!/usr/local/bin/perl

$a = 5;

# until loop execution

until( $a > 10 ) {

printf "Value of a: $a\n";

$a = $a + 1;

}

# Perl for Loop

#!/usr/local/bin/perl

# for loop execution

for( $a = 10; $a < 20; $a = $a + 1 ) {

print "value of a: $a\n";

}

# Perl foreach Loop

#!/usr/local/bin/perl

@list = (2, 20, 30, 40, 50);

# foreach loop execution

foreach $a (@list) {

print "value of a: $a\n";

}

# Perl do...while Loop

#!/usr/local/bin/perl

$a = 10;

# do...while loop execution

do{

printf "Value of a: $a\n";

$a = $a + 1;

}while( $a < 20 );

# Perl nested Loop

#/usr/local/bin/perl

$a = 0;

$b = 0;

# outer while loop

while($a < 3) {

$b = 0;

# inner while loop

while( $b < 3 ) {

print "value of a = $a, b = $b\n";

$b = $b + 1;

}

$a = $a + 1;

print "Value of a = $a\n\n";

}