

LUA - NESTED IF STATEMENTS

http://www.tutorialspoint.com/lua/nested_if_statements_in_lua.htm

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It is always legal in Lua programming to **nest** if-else statements, which means you can use one if or else if statement inside another if or else if statements.

Syntax

The syntax for a **nested if** statement is as follows –

```
if( boolean_expression 1)
then
  --[ Executes when the boolean expression 1 is true --]
  if(boolean_expression 2)
  then
    --[ Executes when the boolean expression 2 is true --]
  end
end
end
```

You can nest **else if...else** in the similar way as you have nested *if* statement.

Example

```
--[ local variable definition --]
a = 100;
b = 200;

--[ check the boolean condition --]

if( a == 100 )
then
  --[ if condition is true then check the following --]
  if( b == 200 )
  then
    --[ if condition is true then print the following --]
    print("Value of a is 100 and b is 200" );
  end
end

print("Exact value of a is :", a );
print("Exact value of b is :", b );
```

When you build and run the above code, it produces the following result.

```
Value of a is 100 and b is 200
Exact value of a is : 100
Exact value of b is : 200
```

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