Solution Review: Find the Person with the Highest Salary

Let's see the detailed solution review of the challenge given in the previous lesson.

Solution

Run the code below and see the output!

```cpp
#include <iostream>

using namespace std;

int main() {
  // Initialize variable salary1 and salary2
  int salary1 = 56;
  int salary2 = 89;
  // if condition
  if (salary1 > salary2) {
    // if body
    cout << "person1";
  } else {
    // else body
    cout << "person2";
  }
  // exit
  return 0;
}
```

Explanation

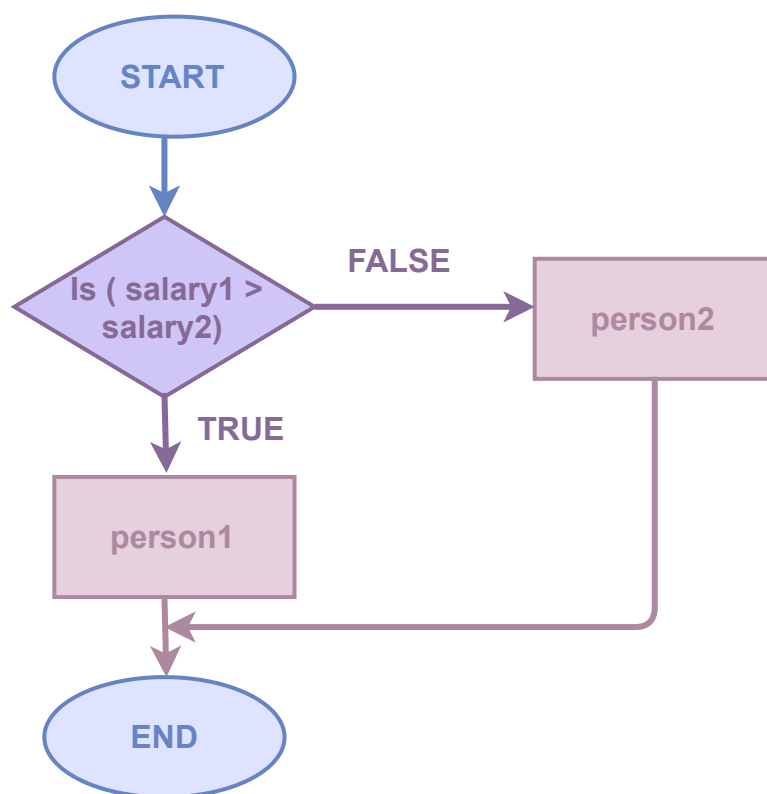**Line No. 7**: Sets the value of `salary1` to `56`

Line No. 8: Sets the value of `salary2` to `89`

Line No. 10: Checks if the value of `salary1` is greater than the value of `salary2`. If yes, then the `if` body is executed. If not, then the `else` body is executed.

Line No. 12: Prints `person1` to the console. The condition in the `if` statement is false; therefore, this line is not executed.

Line No. 15: The condition in the `if statement` returns `0`; therefore, the code inside the `else` block executes, and it prints `person2` to the console.

Flowchart

Let's solve a slightly more difficult challenge in the upcoming lesson.

See you there!