1.11 C++ example: Salary Calculation

This material has a series of sections providing increasingly larger program examples. The examples apply concepts from earlier sections. Each example is in a web-based programming environment so that code may be executed. Each example also suggests modifications, to encourage further understanding of the example. Commonly, the "solution" to those modifications can be found in the series' next example.

This section contains a very basic example for starters; the examples increase in size and complexity in later sections.

zyDE 1.11.1: Modify salary calculation.

The following program calculates yearly and monthly salary given an hourly wage program assumes a work-hours-per-week of 40 and work-weeks-per-year of 50.

1. Insert the correct number in the code below to print a monthly salary. Then program.

Load default

```cpp
1  #include <iostream>
2  using namespace std;
3
4  int main () {
5     int hourlyWage;
6
7     hourlyWage = 20;
8
9     cout << "Annual salary is: ";
10    cout << hourlyWage * 40 * 50;
11    cout << endl;
12
13    cout << "Monthly salary is: ";
14    cout << ((hourlyWage * 40 * 50) / 12);
15    cout << endl;
16    // FIXME: The above is wrong. Change the 1 so the statement outputs monthly salary.
17
18    return 0;
19 }
```

Run

```
Annual salary is: 40000
Monthly salary is: 3333
```

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Feedback?