

```
1 //Zhihao Jin 22 Jan. 2019
2 #include <iostream>
3 using namespace std;
4
5 int main()
6 {
7     double regular_wages,
8     base_pay_rate = 18.25,
9     regular_hours = 40.0,
10    overtime_wages ,
11    overtime_pay_rate = 27.78,
12    overtime_hours = 10 ,
13    total_wages ;
14
15    regular_wages = base_pay_rate * regular_hours;
16
17    overtime_wages = overtime_pay_rate * overtime_hours;
18
19    total_wages = regular_wages + overtime_wages;
20
21    cout << "Wages for this week are $" << total_wages << endl;
22    return 0;
23 }
```