

```
#include <stdio.h>

int main() {
    float wagesPerHour, hoursWorked, weeklyWages;

    printf("Enter the wages per hour: ");
    scanf("%f", &wagesPerHour);

    printf("Enter number of hours worked: ");
    scanf("%f", &hoursWorked);

    if (hoursWorked <= 30) {
        weeklyWages = wagesPerHour * hoursWorked;
    } else {
        float regularWages = wagesPerHour * 30;
        float overtimeWages = (wagesPerHour * 2) * (hoursWorked - 30);
        weeklyWages = regularWages + overtimeWages;
    }

    printf("Weekly wages: %.2f\n", weeklyWages);

    return 0;
}
```