

# Design Outline

## Constants

Commission rate = 25%

Paper Cost = \$5

## User Inputs

The user inputs are

- Number of papers on the route
- Number of days the papers are delivered per week
- Amount of tips received for the week

## Steps on how to achieve this

1. Get the inputs from the user
2. Compute the total papers delivered per week

$\text{Total\_papers\_delivered} = \text{number\_of\_papers\_onroute} * \text{number\_of\_days}$

3. Compute the weekly salary

$\text{weekly\_salary} = \text{total\_papers\_per\_week} * \text{newspaper\_cost} * \text{commission\_rate}$

4. Compute the total pay

$\text{total\_pay} = \text{weekly\_salary} + \text{tips\_amount}$

5. Output all the computed values

## Test Cases

Test Case	User Inputs	Total Papers delivered	Weekly Salary	Tips total amount	Total Pay
Test Case 1	No. of papers = 200	1200	\$1500	\$340	\$1840
	No. of days = 6				
	Tips = 340				
Test Case 2	No. of papers = 24	72	\$90	\$100	\$190
	No. of days = 3				
	Tips = 100				
Test Case 3	No. of papers = 500	3500	\$4375	\$300	\$4675
	No. of days = 7				
	Tips = 300				

## Screenshots

### Test Case 1

```
Enter the number of papers on the route: 200
Enter the number of days the paper is delivered per week: 6
Enter the amount of tips received for the week: 340

The total number of papers delivered for the week is 1200 papers.
Your weekly salary is $1500.0. This total is calculated from a newspaper cost of $5 and a commission rate of 25%
The total amount collected in tips is $340
The total pay for the week is $1840.0
```

### Test Case 2

```
Enter the number of papers on the route: 24
Enter the number of days the paper is delivered per week: 3
Enter the amount of tips received for the week: 100

The total number of papers delivered for the week is 72 papers.
Your weekly salary is $90.0. This total is calculated from a newspaper cost of $5 and a commission rate of 25%
The total amount collected in tips is $100
The total pay for the week is $190.0
```

### Test Case 3

```
Enter the number of papers on the route: 500
Enter the number of days the paper is delivered per week: 7
Enter the amount of tips received for the week: 300

The total number of papers delivered for the week is 3500 papers.
Your weekly salary is $4375.0. This total is calculated from a newspaper cost of $5 and a commission rate of 25%
The total amount collected in tips is $300
The total pay for the week is $4675.0
```