

Analysis

- This program calculates the total pay for an Uber driver. The hourly rate is \$25/hr, and the mileage commission is \$.20.
- It will prompt the user for their miles driven, hours worked, tips received
- Then it will store the user input of miles driven in milesDriven variable, hours worked in hoursWorked variable, and tips received in tipsReceived variable.
- It will also use the following variables
 - dailyWage for the total daily wage
 - dailyCommisionPay for the total mileage commission pay
 - dailyTotalPay for total pay, which includes daily mileage commission
 - weeklyTotalPay for total pay from Monday - Friday

Design

Main

- Set hourly rate to \$25/hr
- Set mileage commission = \$.20
- Prompt user for miles driven, hours worked, and tips received
- Get user response
- Calculate Daily Wage (hours worked * hourly rate)
- Calculate Daily Commission Pay (miles driven * mileage commission)
- Calculate Total Daily Pay (daily wage + daily commission pay + tips received)
- Calculate Total Weekly Pay (Total Daily Pay * 5)
- Display Results

End

Test Plan

Test#	Input(mile driven)	Input(hours worked)	Input(tips received)	Calculation	Expected Output (Daily)	Expected Output (Weekly)
1	40	8	50	$8 \times 25 + 40 \times .20 + 50$	\$258	\$1290
2	22	4	100	$4 \times 25 + 22 \times .20 + 100$	\$204.4	\$1022

3	67	6.5	25	$6.5 \times 25 + 67 \times 20 + 100$	\$200.9	\$1005.50
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Test Results:

1

2

3

4

5

6

7

Test Plan

Test#	
1	
2	
3	

Python 3.12.0 (tags/v3.12.0:0fb18b0, Oct 2 2023, 13:03:39) [MSC v.1935 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

>>>

= RESTART: C:/Users/Desktop/AppData/Local/Programs/Python/Python312/MbakopCharles_Uber Driver WK2__.py

What are you total miles Driven for the day? 40

How many hours did you work today? 8

How much in tips did you receive? 50

Daily Total Pay \$258.0

Weekly Total Pay \$1290.0

>>>

= RESTART: C:/Users/Desktop/AppData/Local/Programs/Python/Python312/MbakopCharles_Uber Driver WK2__.py

What are you total miles Driven for the day? 22

How many hours did you work today? 4

How much in tips did you receive? 100

Daily Total Pay \$204.4

Weekly Total Pay \$1022.0

>>>

= RESTART: C:/Users/Desktop/AppData/Local/Programs/Python/Python312/MbakopCharles_Uber Driver WK2__.py

What are you total miles Driven for the day? 67

How many hours did you work today? 6.5

How much in tips did you receive? 25

Daily Total Pay \$200.9

Weekly Total Pay \$1004.5

>>>

Ln: 24 Col: 0