

# ASSIGNMENT 1

## *C++ Basics*

**Question:** Write A C++ Program To Simulate Uber's Method Of Calculating Cost Of Ride IN **CAIRO...**

USE GOOGLE SEARCH TO KNOW MORE!



INPUT Your program is to prompt the user for:

- the length of ride in minutes –
- the distance of ride in miles –
- code of 'X' for uberX (Uber's budget option) 'C' for Uber Comfort and 'T' for Taxi.

**BY:MOHAMED ESSAM**

- code for whether or not there is a surge for the trip. Letter 'Y' for yes and 'N' for no. (Surge is when there is high demand such as just when a concert is over.)

## خيارات إجراء المشاوير في المنطقة



## EXAMPLE OF INPUT DATA

base fare  
 per minute  
 per mile  
 Minimum fare  
 UberX  
 \$ 2.00  
 \$ 0.22  
 \$ 1.15  
 \$ 6.55  
 SUV  
 \$15.00  
 \$ 0.90  
 \$ 3.75  
 \$ 25.00  
 Luxury  
 \$ 5.00  
 \$ 0.50  
 \$ 2.75  
 \$10.55

BY:MOHAMED ESSAM

## EXAMPLE OF OUTPUT DATA

### OUTPUT

A sample run might look like this:

Enter name: Mary Pape

Enter enter time in minutes: 70

Enter enter distance: 55

Enter 'X' for uberX or 'S' for SUV or 'L' for luxury: x

Enter 'Y' if surge or 'N' if not: Y

Enter surge multiplier: 1.9

Rider's name: Mary Pape

Total: \$ 82.45