

Menus and Select Case Statements

PROGRAMMING REQUIREMENTS:

Your program should include the following:

- A selection menu for the user to choose the type of vehicle they want to rent (see input screen shot).
- A `SELECT CASE` construct to determine the cost per day of the customer's chosen vehicle with a `CASE ELSE` to notify the user of an Invalid Selection.
- An `ELSEIF` clause in the **PRINT RESULTS** section of your program to display the type vehicle selected (see output screen shot).
- `PRINT USING` statements where appropriate for currency figures.

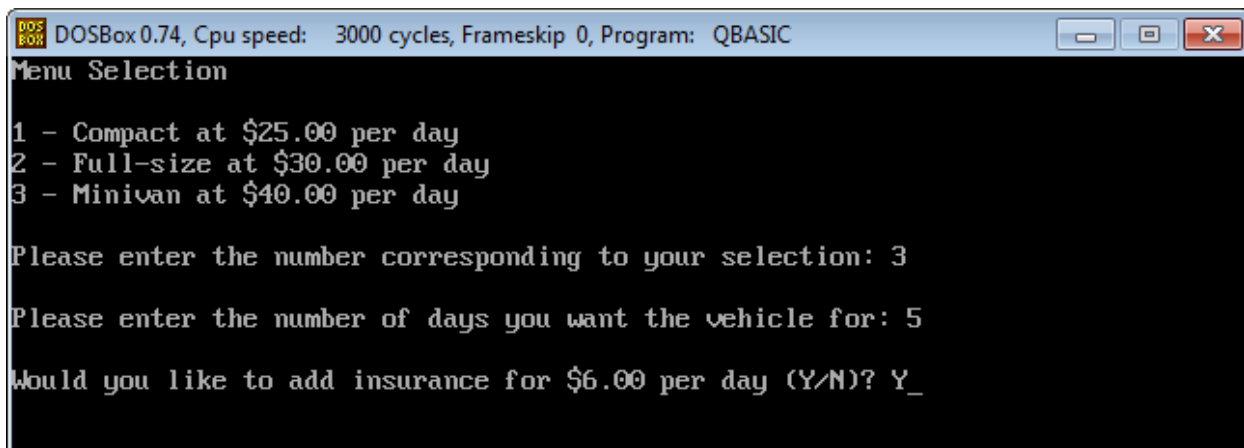
Acme Car Rental Company needs a program to calculate customer bills.

INPUT:

The user should be prompted to enter the following:

- The type of car (compact, full-size, minivan).
- Number of days rented.
- Whether or not insurance is needed.

Your input screen should resemble the following:

A screenshot of a DOSBox window titled "DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: QBASIC". The window shows a text-based menu for a car rental program. The menu lists three options: 1 - Compact at \$25.00 per day, 2 - Full-size at \$30.00 per day, and 3 - Minivan at \$40.00 per day. Below the menu, the program prompts the user to enter a selection number, then the number of days, and finally whether to add insurance for \$6.00 per day. The user has entered '3' for the vehicle type, '5' for the number of days, and 'Y' for adding insurance.

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: QBASIC
Menu Selection
1 - Compact at $25.00 per day
2 - Full-size at $30.00 per day
3 - Minivan at $40.00 per day

Please enter the number corresponding to your selection: 3

Please enter the number of days you want the vehicle for: 5

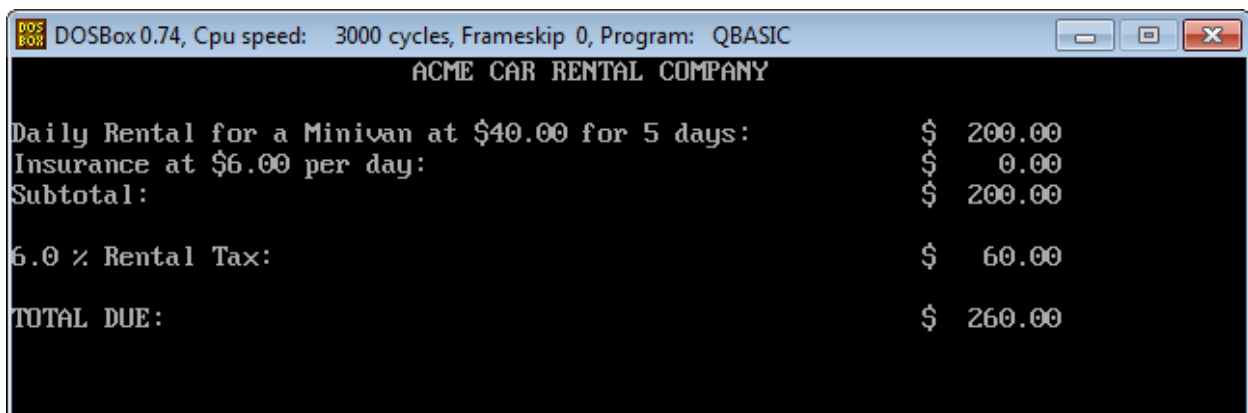
Would you like to add insurance for $6.00 per day (Y/N)? Y_
```

PROCESSING REQUIREMENTS:

- Calculate the cost per day based on the following:
 - Compact - \$25.00/day
 - Full-size - \$30.00/day
 - Minivan - \$40.00/day
- Multiply the cost per day by the number of days.
- Add on \$6.00 a day if insurance is requested.
- Add on a 6 percent rental tax.

OUTPUT:

Your output screen should resemble the following:



The screenshot shows a DOSBox window titled "DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: QBASIC". The program output is as follows:

```
ACME CAR RENTAL COMPANY

Daily Rental for a Minivan at $40.00 for 5 days:      $ 200.00
Insurance at $6.00 per day:                          $   0.00
Subtotal:                                             $ 200.00

6.0 % Rental Tax:                                    $   60.00
TOTAL DUE:                                           $ 260.00
```