

## Method Problems 2

1. Create a helper function that can be used to prompt the user for input. Create a function

```
string Prompt(string prompt)
```

that will display the Label to the user and return the string that they enter.

2. Create a second helper function that can be used to prompt the user for integer input. Create a function

```
int PromptForInt(string prompt)
```

that will display the Label to the user and return the integer that they enter.

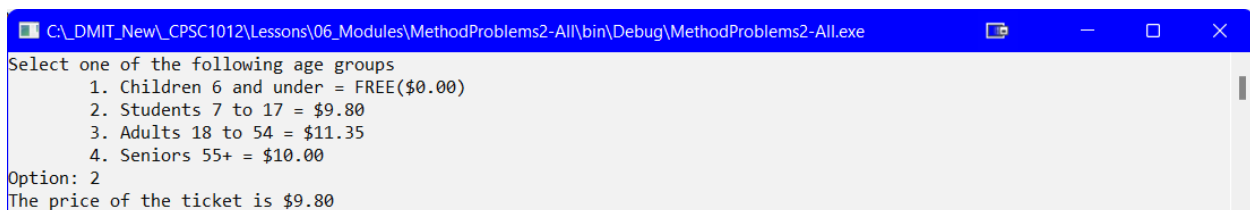
3. Modify an earlier program that will determine the cost of admission for a theatre. The price of admission is based on the age of the customer. Your program should prompt the user for the type of ticket they would like to purchase and then display the correct admission amount.

1. Children 6 and under = FREE (\$0.00)
2. Students 7 to 17 = \$9.80
3. Adults 18-54 = \$11.35
4. Seniors 55+ = \$10.00

Your program must make use of the method **GetTicketPrice(int option)** that will return the price of the ticket based on the passed in menu option. It must also use the method **DisplayMenu()** that will display the menu of options to the user.

Make use of the **PromptForInt** function defined previously. Be aware that later (**int.TryParse()** is not allowed) you will have to deal with the possibility of the user entering a value that cannot be converted into an integer.

Sample output:



```
C:\_DMIT_New_CPSC1012\Lessons\06_Modules\MethodProblems2-All\bin\Debug\MethodProblems2-All.exe
Select one of the following age groups
  1. Children 6 and under = FREE($0.00)
  2. Students 7 to 17 = $9.80
  3. Adults 18 to 54 = $11.35
  4. Seniors 55+ = $10.00
Option: 2
The price of the ticket is $9.80
```