



```
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$ g++ while.cpp -o while
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$ ./while
Please enter a letter
Enter an x to terminate the program
a
The letter you entered is a

Please enter a letter
Enter an x to terminate the program
b
The letter you entered is b

Please enter a letter
Enter an x to terminate the program
x
The letter you entered is x

Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$
```



```
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$ ./doWhile
```

Hot Beverage Menu

A: Coffee	\$1.00
B: Tea	\$.75
C: Hot Chocolate	\$1.25
D: Cappuccino	\$2.50

Enter the beverage A, B, C, or D you desire.
Enter E to exit the program

```
r
You did not select a proper menu item
Try again please
```

Hot Beverage Menu

A: Coffee	\$1.00
B: Tea	\$.75
C: Hot Chocolate	\$1.25
D: Cappuccino	\$2.50

Enter the beverage A, B, C, or D you desire.
Enter E to exit the program

```
C
How many cups would you like?
35
The total cost is $ 43.75
```

Hot Beverage Menu

A: Coffee	\$1.00
B: Tea	\$.75
C: Hot Chocolate	\$1.25
D: Cappuccino	\$2.50

Enter the beverage A, B, C, or D you desire.
Enter E to exit the program

```
E
Please come again
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$
```

```
Lesson Set 5 — bash — 136x50
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$ ./for
Please enter a positive integer
60
The mean average of the first 60 positive integers is 30
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$
```

```
Lesson Set 5 — bash — 136x50
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$ g++ for.cpp -o for
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$ ./for
Please enter a positive integer
60
The mean average of the first 60 positive integers is 30.5
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$
```



```
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$ g++ nested.cpp -o nested
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$ ./nested
```

This program will find the average number of hours a day each given student spent on programming and on biology over a long weekend.

How many students are there?

2

Enter the number of days in the long weekend

2

Enter student 1 day 1 programmin hrs:

2

Enter student 1 day 1 biology hrs:

3

Enter student 1 day 2 programmin hrs:

4

Enter student 1 day 2 biology hrs:

1

The average number of hours per day spent on programming by student 1 is 3

The average number of hours per day spent on biology by student 1 is 2

The student averaged more time on programming.

Enter student 2 day 1 programmin hrs:

5

Enter student 2 day 1 biology hrs:

1

Enter student 2 day 2 programmin hrs:

6

Enter student 2 day 2 biology hrs:

3

The average number of hours per day spent on programming by student 2 is 5.5

The average number of hours per day spent on biology by student 2 is 2

The student averaged more time on programming.

```
Rezvis-MacBook-Air:Lesson Set 5 rezviahmed$
```

