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CPEN 3710
LQF316
Lab Exercise #10

Console Output (Winning Possibilities):

case 1: 0 white & 1 yellow with \$2 winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 12 36 41 27 61 White balls ... Yellow ball 18
Please enter your first white number: 11
Please enter your second white number: 35
Please enter your third white number: 40
Please enter your forth white number: 26
Please enter your fifth white number: 60
Please enter your yellow number: 18
You have matched 0 white numbers and the yellow number. Your ticket wins $2!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 6648) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

case 2: 1 white & 1 yellow with \$4 winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 42 34 31 14 2 White balls ... Yellow ball 23
Please enter your first white number: 2
Please enter your second white number: 41
Please enter your third white number: 32
Please enter your forth white number: 30
Please enter your fifth white number: 21
Please enter your yellow number: 23
You have matched 1 white numbers and the yellow number. Your ticket wins $4!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 1984) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

case 3: 2 white & 1 yellow with \$10 winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 52 10 58 2 8 White balls ... Yellow ball 7
Please enter your first white number: 10
Please enter your second white number: 8
Please enter your third white number: 6
Please enter your forth white number: 51
Please enter your fifth white number: 7
Please enter your yellow number: 7
You have matched 2 white numbers and the yellow number. Your ticket wins $10!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 12972) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

case 4: 3 white & 1 yellow with \$200 winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 14 17 20 58 4 White balls ... Yellow ball 18
Please enter your first white number: 20
Please enter your second white number: 14
Please enter your third white number: 4
Please enter your forth white number: 19
Please enter your fifth white number: 57
Please enter your yellow number: 18
You have matched 3 white numbers and the yellow number. Your ticket wins $200!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 10692) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

case 5: 4 white & 1 yellow with \$10,000 winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 29 33 44 56 64 White balls ... Yellow ball 15
Please enter your first white number: 64
Please enter your second white number: 29
Please enter your third white number: 44
Please enter your forth white number: 33
Please enter your fifth white number: 57
Please enter your yellow number: 15
You have matched 4 white numbers and the yellow number. Your ticket wins $10,000!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 13856) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

case 6: 5 white & 1 yellow with Jackpot winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 14 55 64 4 68 White balls ... Yellow ball 16
Please enter your first white number: 4
Please enter your second white number: 64
Please enter your third white number: 14
Please enter your forth white number: 55
Please enter your fifth white number: 68
Please enter your yellow number: 16
You have matched 5 white numbers and the yellow number. Your ticket wins the Jackpot!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 6192) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

case 7: 3 white & 0 yellow with \$10 winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 2 36 27 17 49 45 White balls ... Yellow ball 5
Please enter your first white number: 49
Please enter your second white number: 2
Please enter your third white number: 45
Please enter your forth white number: 16
Please enter your fifth white number: 4
Please enter your yellow number: 4
You have matched 3 white numbers but not the yellow number. Your ticket wins $10!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 400) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

case 8: 4 white & 0 yellow with \$500 winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 46 25 11 16 38 White balls ... Yellow ball 18
Please enter your first white number: 11
Please enter your second white number: 38
Please enter your third white number: 46
Please enter your forth white number: 25
Please enter your fifth white number: 10
Please enter your yellow number: 17
You have matched 4 white numbers but not the yellow number. Your ticket wins $500!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 7084) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

case 9: 5 white & 0 yellow with \$1,000,000 winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 25 38 49 54 69 White balls ... Yellow ball 9
Please enter your first white number: 69
Please enter your second white number: 49
Please enter your third white number: 25
Please enter your forth white number: 54
Please enter your fifth white number: 38
Please enter your yellow number: 8
You have matched 5 white numbers but not the yellow number. Your ticket wins $1,000,000!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 8116) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Console Output (Losing Possibilities):

case 10: 0 white & 0 yellow with \$0 winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 13 39 69 57 50 White balls ... Yellow ball 4
Please enter your first white number: 12
Please enter your second white number: 38
Please enter your third white number: 68
Please enter your forth white number: 56
Please enter your fifth white number: 49
Please enter your yellow number: 3
You have matched 0 white numbers but not the yellow number. Your ticket wins $0!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 12832) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

case 11: 1 white & 0 yellow with \$0 winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 14 30 57 45 8 White balls ... Yellow ball 12
Please enter your first white number: 45
Please enter your second white number: 13
Please enter your third white number: 56
Please enter your forth white number: 29
Please enter your fifth white number: 7
Please enter your yellow number: 11
You have matched 1 white numbers but not the yellow number. Your ticket wins $0!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 4428) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

case 12: 2 white & 0 yellow with \$0 winnings.

```
Microsoft Visual Studio Debug Console
Mega Millions drawing results: 61 53 43 38 64 White balls ... Yellow ball 20
Please enter your first white number: 43
Please enter your second white number: 53
Please enter your third white number: 12
Please enter your forth white number: 7
Please enter your fifth white number: 20
Please enter your yellow number: 19
You have matched 2 white numbers but not the yellow number. Your ticket wins $0!

C:\Users\Brandon\Desktop\VS2015Template\Debug\Project.exe (process 14416) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Console Output (invalid input):

```
CA\CPEN3710\VS2015Template\Debug\Project.exe
Mega Millions drawing results: 65 56 52 48 36 White balls ... Yellow ball 14
Please enter your first white number: test
Invalid Input! Enter a number between 1-70
Please enter your first white number: -11
Invalid Input! Enter a number between 1-70
Please enter your first white number: .25
Invalid Input! Enter a number between 1-70
Please enter your first white number: 65
Please enter your second white number: 65
You can not enter duplicates! Renter last ball choice!
Please enter your second white number: 56
Please enter your third white number: 52
Please enter your forth white number: 48
Please enter your fifth white number: 36
Please enter your yellow number: test
Invalid Input! Enter a number between 1-25
Please enter your yellow number: -11
Invalid Input! Enter a number between 1-25
Please enter your yellow number: .25
Invalid Input! Enter a number between 1-25
Please enter your yellow number: 26
Invalid Input! Enter a number between 1-25
Please enter your yellow number: 14
You have matched 5 white numbers and the yellow number. Your ticket wins the Jackpot!
```