

Notes From Class

Thursday, February 18, 2016 4:00 PM

Project 4 Scores

- My Apologies For The Delay. It's Not My Fault Or Your TA's Fault. I Am Trying To Get It Resolved. I Appreciate Your Patience.

Project 5 Questions

- Does The Ordering Of The Balls Make A Difference?
PowerballLottery With 1, 2, 3, 4, 5, 6
PowerballTicket With 1, 2, 3, 4, 5, 6
WinningPossibility- FIVEPLUSPOWERBALL
PowerballTicket With 2, 1, 5, 3, 4, 6
WinningPossibility- FIVEPLUSPOWERBALL
PowerballTicket With 5, 4, 3, 2, 1, 6
WinningPossibility- FIVEPLUSPOWERBALL
- Do I Need To Validate That A Ticket Has Correct Numbers In It?
You Are Welcome To Do This. The Appropriate Thing To Do Would Be To Throw An Exception If It Isn't.
However, The Testing Software Won't Be Checking For This. You'll Always Get Valid Ball Values.
However, Your PowerballLottery::quickPick() Should Generate A Valid (And Random) Ticket Correctly.

Moving On With The Course Content

std::string and C-String

```
string s( "Hello" );  
/// get a c-string out of it....
```

```
char cstring[ 80 ];  
cstring = s.c_str( );
```

```
Char cstring3[ 80 ] = "" ;    //// strlen: 0  
Char cstring4[ 80 ] = "1" ;   //// strlen : 1
```

```
char cstring2[ 80 ] = "Happy Days Are Here Again!" ;  
int thelength = strlen( cstring2 );  
cout << thelength << endl;    // 27! Not 80!  
string convertedString( cstring2 );
```

```
cout << convertedString.size( ) << endl;  ///// 27!
```

Streams And Operator Overloading