

CpSc2120 - Revision 1

Find **and** correct the errors (1 per function)

```
// designed to store awardName and up to 10 nominees
#include <iostream>

class NomineeSet
{
    static const int MAX = 10;
    string awardName;
    string *contend;    // stored in alphabetical order
    int count;

public:
    NomineeSet( string a )
        : awardName(a); contend(new string[MAX]); count(0)
    { }

    NomineeSet~( )
    {
        delete contend;
    }

    void addCon( string newCon )
    {
        if( count==MAX ) return;
        int idx=0;
        while( idx<count && contend[idx]<newCon )
            idx++;
        if( idx<count && contend[idx]==newCon )
            return;
        for(int pos=count; pos>=idx; pos--)
            contend[pos+1]=contend[pos];
        contend[idx]=newCon;
        count++;
    }
}
```

```

    friend ostream operator << ( ostream & stream, NomineeSet
& NS) ;

};

ostream & operator << ( ostream & stream, NomineeSet & NS)
{
    stream << awardName << ": ";
    for( int i=0; i<count; i++)
        stream << contend[i] << ",";
    return stream;
}

int main(int argc, char*argv[])
{
    NomineeSet* N = new NomineeSet( argv[1] );
    for(int i=0; i<argc-2; i++)
        N->addCon( argv[i+2] );

    cout << N << endl;
    delete N;
}

```