

I realized that I enjoyed relearning my characteristics as a programmer. Even more, my incessant need to cosmetically restructure my programs as I create them has been especially apparent during the creation of TaskManager™...

Therefore, while I may submit this midterm a day late, I promise that it will be up to a higher standard than I have ever submitted prior.

```

72 #include <iostream>
73 #include <string>
74 using namespace std;
75
76 class Task {
77 public:
78     string taskName = "No title";
79     string description = "No description";
80     short priorityLevel = 0;
81
82     Task() {
83         //cout << "***** Task() created successfully *****" << endl;
84     };
85
86     Task(string tn, string d, short pl){
87         taskName = tn;
88         description = d;
89         priorityLevel = pl;
90         cout << "***** Task(string, string short) created successfully *****" << endl;
91     }
92
93     void createTask(){
94
95         string name, desc;
96         short pri = 0;
97
98         cout << "\n\t\t\t\t\t- New Task - \n" << endl;
99         cout << "\t   *** Please enter the following data ***\n" << endl;
100
101         while (name.length() > 20 || !name.empty()) {
102             cout << "\nEnter Title (20 Characters or Less): ";
103             getline(cin, name);
104
105             if (name.length() > 20) {
106                 cout << "----- ERROR: Title must be 20 characters or less." << endl;
107             } else if (name.empty()) {
108                 cout << "----- ERROR: Title cannot be empty." << endl;
109             }
110         }
111
112         while (desc.length() > 75 || !desc.empty()) {
113             cout << "\nEnter Description (75 Characters or Less): ";
114             getline(cin, desc);
115
116             if (desc.length() > 75) {
117                 cout << "----- ERROR: Description must be 75 characters or less." << endl;
118             } else if (desc.empty()) {
119                 cout << "----- ERROR: Description cannot be empty." << endl;
120             }
121         }
122
123         while (pri >= 11 || pri <= 0){
124             cout << "\nPriority level (1-10): ";
125             cin >> pri;
126
127             if (pri >= 11 || pri <= 0){
128                 cout << "----- ERROR: Priority level must be within range (1-10)" << endl;
129             }
130         }
131
132         cout << "\n\t\t\t\t\t- Task Breakdown - \n" << endl;
133         cout << "Task : " << name << " | Priority level : " << pri << endl;
134         cout << "\nDescription : " << desc << endl;
135         cout << "\nPriority level : " << pri << endl;
136     }
137 };

```

This is where I am as of July 11th ↑

- Nicholas Rubio -