

Object Oriented Programming  
SE(CIS) 2002-2003  
First Optional Bonus Assignment  
Comments on solutions

CS – 09:

The program is hard coded to operate on 6 pairs of x and y only. It is not generic.

CS – 105:

The program has fair amount of documentation. Program logic is good as well. It would be better if the program asked the user to input a value where the function is to be evaluated, rather than evaluating it at 5.

CS – 116:

Program was invoked as `cs116assignment3 data.dat` and it failed to read the file. Unfortunately, the program does not meet the specifications.

CS – 17, 21, 26:

Group assignment is not acceptable. The program threw an unhandled exception and died with index out of range on my data file. No points.

CS – 18:

There was nothing in the file.

**CS – 23:**

The program was heavily documented, which is good. The logic was fair. Everything was inside `Main()` which is not good program organization. However, the second version of the program was organized into methods.

CS – 25:

Program header with the name and roll number etc was a good thing. However, the program is tied only to 6 value pairs. It is not generic, hence does not meet assignment requirements. Everything was inside `Main()` which is not good.

CS – 40:

The program logic was split into a couple of methods, which is good. The program was, however, tied to the 6 value pair problem, and would not work with any other number of values.

CS – 49:

The program died with an unhandled exception: Null reference exception.

**CS – 61:**

A very nice solution indeed. The logic is good, the program is divided into methods. The program has fair amount of documentation. Exception throwing, catching and handling has been done. The program even sorts the x,y pairs, which is very good.

**CS – 66:**

The program is tied to the 6 value pairs example.

**CS – 78:**

The program logic appears to be very close to correct. However, it doesn't have a Main() method, so I can not run it, hence I can not give any points for it.

**CS – 80:**

The program logic is fair. It is divided into methods. Comments are almost non-existent.

**CS – 37:**

The first solution that I received, and a nice solution. The program has a program header with basic information. The program takes command line arguments for the data file and the value of x for which the interpolation is to be done. The program logic is done, exception throwing, catching and handling has been done.