**Short Answer – Please do all 11 – 25 pts**

**Programming Exercises (65pts)**

**Programming Exercise 6-5 – Sum of Numbers (Pg 341)**

O/P should be…

1 111.0

2 222.0

3 333.0

4 444.0

5 555.0

6 666.0

7 777.0

8 888.0

9 999.0

Total: 4995.0

**Programming Exercise 6-6 – Average of Numbers**

O/P should be…

1 111.0

2 222.0

3 333.0

4 444.0

5 555.0

6 666.0

7 777.0

8 888.0

9 999.0

Average: 555.0

**Programming Exercise 6-9 – Exception Handling**

“Good” O/P should be…

1 111.0

2 222.0

3 333.0

4 444.0

5 555.0

6 666.0

7 777.0

8 888.0

9 999.0

Average: 555.0

Change name of file from “numbers.txt” to “Yikes.txt”

Now O/P should be …

An error occurred while trying to read the file.

(Bonus : Using variables, could you maybe have a better error message than this … something that actually printed out the name of the file we are trying to read!!)

Change name of file from “Yikes.txt” back to “numbers.txt”

Add the value “AAA” to the end, after “999”

Now your O/P should be …

1 111.0

2 222.0

3 333.0

4 444.0

5 555.0

6 666.0

7 777.0

8 888.0

9 999.0

Non-numeric data found in the file

(Bonus : Wouldn’t it be nice if we actually SAW what the data was that caused the error! Remember, when it comes to error messages, “if you are going to piss them off, just piss them off ONCE!”)

**Exercise 6-11 Personal Web Page Generator – (Pg 342)**

Given the following I/P –

Enter your name: Grant

Describe yourself: Tired of Life

The O/P should be in a file called “my\_page.html” and would look like this.  
  
<html>

<head>

<title>My Personal Web Page</title>

</head>

<body>

<center>

<h1>Grant</h1>

</center>

<hr />

Tired of Life

<hr />

</body>

</html>

Follow the following flowchart!  
