

## I. Error Trap Loop

1) Load the program **AP1ch06lab06** (Do not Run)

Note: This program is incomplete and will not Run without errors unless it is fixed.

Note: Save revisions as **AP1ch06lab06b**

2) Complete the same program segment below. The program is supposed to output an error message unless a capital A or B or C or D is inputted. Once one of these answers is inputted the last two c.println statements are executed.

c = **new** Console ( );**char** answer;

c.println("Type in an A or B or C or D");

// Input Prompt

answer = c.getChar( );

//Priming read

c.println(answer);

**while** (answer \_\_\_\_\_ 'A' \_\_\_\_\_ answer \_\_\_\_\_ 'B' \_\_\_\_\_ answer \_\_\_\_\_ 'C' \_\_\_\_\_ answer \_\_\_\_\_

'D')

\_\_\_\_\_

c. println("Input Error!");

c. println("You did not enter either A or B or C or D");

c.println("Please type in an A or B or C or D");

// Input Prompt

answer = c.getChar( );

c.println(answer);

\_\_\_\_\_

c.println("You typed in a(n) " + answer);

// Echo print

c.println("Bye");

3) Make these same changes in the program on the computer.

4) \*Compile and Run the program using as input:

a) F &lt;enter&gt;

Note: An "error message" should appear.

Q &lt;enter&gt;

Note: An "error message" should appear.

B &lt;enter&gt;

Note: "You typed in a(n) B" should appear.

b) A &lt;enter&gt;

Note: "You typed in a(n) A" should appear.

5) Save as **AP1ch06lab06b** (Note: This is a different name than what was loaded.)6) Turn this sheet in to your teacher with the blanks correctly above filled in.**Turn in this sheet to be graded!**

