

Unit 5 Lab 6 - Error Trap Loop

class hour _____

Pts: 5

Name _____

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No Partners - each person must do their own and save it in their H drive.
(Note: You will need this in the program.)

I. Error Trap Loop

1) Load the program **P1ch5lab6** (Do not Run)

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

Note: Save revisions as **P1ch5lab6b**

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
```

```
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("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

Note: The "error message" should appear.

Q

Note: The "error message" should appear.

B

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

b) A

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

5) Save as **P1ch5lab6b** (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!