1 – Hurricanes

➔ ch8 git:(master) ✗ cat data.dat
1972 Agnes FL,NC
1983 Alicia MS
1992 Andrew FL
1969 Camile TX
2004 Charley SC,NC
2005 Dennis FL,LA
1960 Donna FL,AL
1999 Floyd NC
2012 Issac FL,LA,MS
2004 Ivan TX,LA
2004 Jeanne FL
2005 Katrina TX
1995 Opal MS
2005 Rita NC,NJ,MA,VT
2005 Wilma LA
2004 Frances NC,VA
1989 Hugo FL,SC,NC
2009 Ida FL
2008 Ike AL
2011 Irene FL
2003 Isabel FL,AL

[NOT ACTUAL OUTPUT: The order within the same year/name does not matter for year/name ordering. Make sure the affected states match the hurricane.]

➔ ch8 git:(master) ✗ ./q1
****** Hurriance Report ********
Sort by: 1=Name, 2=year
Enter choice: 1
1972   Agnes FL,NC
1983   Alicia MS
1992   Andrew FL
1969   Camile TX
2004   Charley SC,NC
2005   Dennis FL,LA
1960   Donna   FL,AL
1999   Floyd   NC

```
2004   Frances NC,VA
1989   Hugo    FL,SC,NC
2009   Ida     FL
2008   Ike     AL
2011   Irene   FL
2003   Isabel  FL,AL
2012   Issac   FL,LA,MS
2004   Ivan    TX,LA
2004   Jeanne  FL
2005   Katrina TX
1995   Opal    MS
2005   Rita    NC,NJ,MA,VT
2005   Wilma   LA

➜  ch8 git:(master) ✗ ./q1
****** Hurriance Report ********
Sort by: 1=Name, 2=year
Enter choice: 2
1960   Donna   FL,AL
1969   Camile  TX
1972   Agnes   FL,NC
1983   Alicia  MS
1989   Hugo    FL,SC,NC
1992   Andrew  FL
1995   Opal    MS
1999   Floyd   NC
2003   Isabel  FL,AL
2004   Ivan    TX,LA
2004   Jeanne  FL
2004   Frances NC,VA
2004   Charley SC,NC
2005   Rita    NC,NJ,MA,VT
2005   Wilma   LA
2005   Katrina TX
2005   Dennis  FL,LA
2008   Ike     AL
2009   Ida     FL
2011   Irene   FL
2012   Issac   FL,LA,MS
```

2 – Resistor Values

➜ ch8 git:(master) ✗ ./q2
Enter the colors of the resistor's three bands, beginning with
the band nearest the end. Type the colors in lowercase letters only, NO CAPS.
Band 1 => red
Band 2 => red
Band 3 => red
Resistance value: 2.2 kilo-ohms
Do you want to decode another resistor?
=>y
Enter the colors of the resistor's three bands, beginning with
the band nearest the end. Type the colors in lowercase letters only, NO CAPS.
Band 1 => blue
Band 2 => gray
Band 3 => yellow
Resistance value: 680.0 kilo-ohms
Do you want to decode another resistor?
=>y
Enter the colors of the resistor's three bands, beginning with
the band nearest the end. Type the colors in lowercase letters only, NO CAPS.
Band 1 => brown
Band 2 => vilet
Band 3 => gray
Invalid color: vilet
Do you want to decode another resistor?
=>n

7 – Word Reversals

➜ ch8 git:(master) ✗ ./q7
Input: birds and bees
Output: bees and birds

8 – Longest Suffix

➜ ch8 git:(master) ✗ ./q8
Enter word1: procrastination
Enter word2: destination
stination

ENGR120 Chapter 8 Test Results

Student Name: _____

Date: _____   Time: _____ Tester:_____

1 – Hurricanes

Code compiles:☐Y ☐N   # of warnings: _____
Code ran: ☐Y ☐N   Correct: ☐Y ☐N   Terminated OK: ☐Y ☐N
Output was free from extraneous output: ☐Y ☐N
Comments:

2 – Resistor Values

Code compiles:☐Y ☐N   # of warnings: _____
Code ran: ☐Y ☐N   Correct: ☐Y ☐N   Terminated OK: ☐Y ☐N
Output was free from extraneous output: ☐Y ☐N
Comments:

7 – Word Reversals

Code compiles:☐Y ☐N   # of warnings: _____
Code ran: ☐Y ☐N   Correct: ☐Y ☐N   Terminated OK: ☐Y ☐N
Output was free from extraneous output: ☐Y ☐N
Comments:

8 – Longest Suffix

Code compiles:☐Y ☐N   # of warnings: _____
Code ran: ☐Y ☐N   Correct: ☐Y ☐N   Terminated OK: ☐Y ☐N
Output was free from extraneous output: ☐Y ☐N
Comments: