**Problem Statement:** Segregate vowels and consonants in a given string

In this problem we should find out vowels and consonants in a given and should be printed separately.

Example: If we take abcdef as an example then ae will be printed once and bcd will be printed next

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| --- | --- |
| **Expected Input** | **Expected Output** |
| abcd  a1b2c3  U@45rj  a!@#jH  !1#4 | bcd a  bc a  rj U  jH a  Infinite Loop Error |

**Pseudo Code**

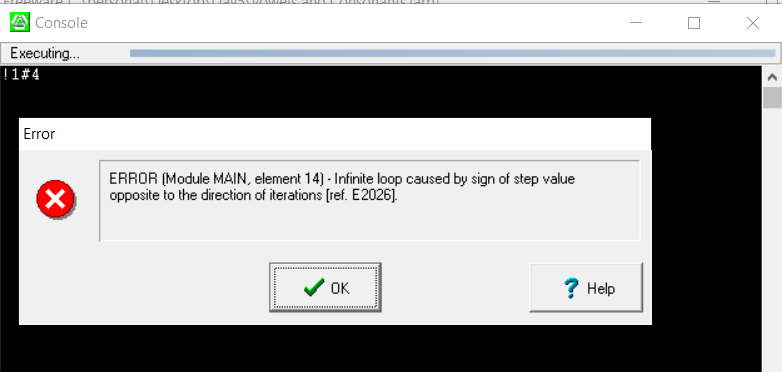
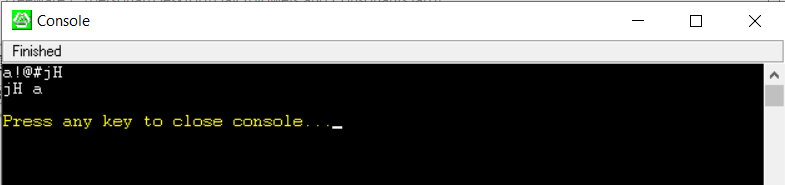
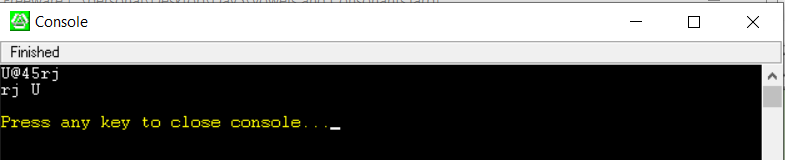
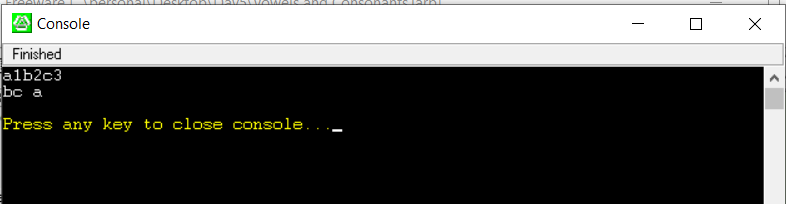
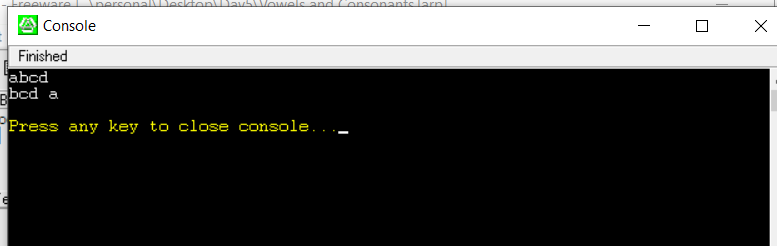
1. Take str and enter a string into str variable
2. Take c and store the length of the string in ‘n’.
3. Take r an empty string
4. Set b=1
5. If b<=c then
   1. If position(str[b], all special characters) ==0
      1. r=r+str[b]
   2. Increment b
6. Convert r into characters and store into str
7. Calculate length of the str and store in c
8. Take p as an empty string to store separated consonants
9. Take q as an empty string to store separated vowels
10. Set i=1
11. If i<=c then
    1. If position(str[i], vowels) ==0
       1. p=p+str[i]
    2. q=q+str[i]
    3. Increment i
12. Print p,q

**Trace Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **Expected Input** | **Expected Output** | **Actual Output** | **Test Result** |
| abcd  a1b2c3  U@45rj  a!@#jH  !1#4 | bcd a  bc a  rj U  jH a  Infinite Loop Error | bcd a  bc a  rj U  jH a  Infinite Loop Error |  |

**Final Result:**

**Expected Inputs and Outputs:**

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