**Problem Statement:** Print even characters from the given string

In this problem, the characters at even index will be printed by excluding the characters at odd index

For example, if we give string “abcd” the output will be ac as the index of a is 0 and index of c is 2

|  |  |
| --- | --- |
| **Expected Input** | **Expected Output** |
| abcd  a  “ “  a1b2c3d4  m!$i!t57a | ac  a  No output  abcd  m$!5a |

**Pseudo Code**

1. **Enter a string**
2. **Declare s**
3. **len=strlen(str)**
4. **Set i=1**
5. **If i<=len then**
   1. **Print s[i]**

**4.2 Increment i by 2**

1. **End**

**Trace Table**

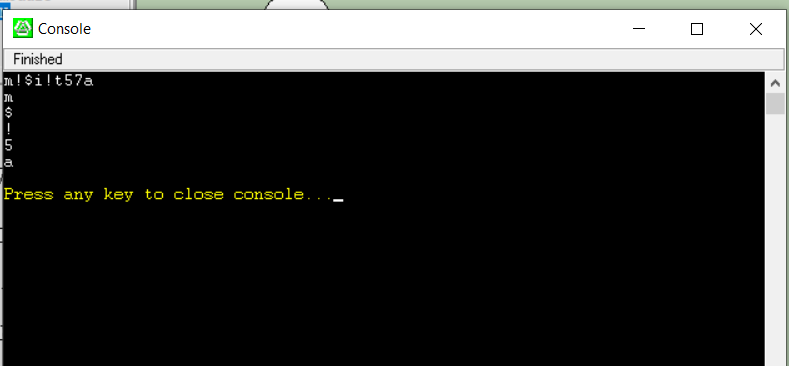
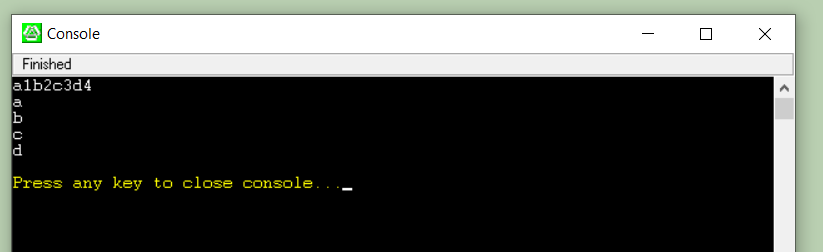
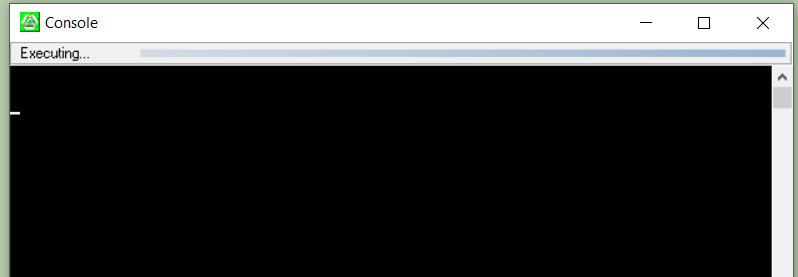
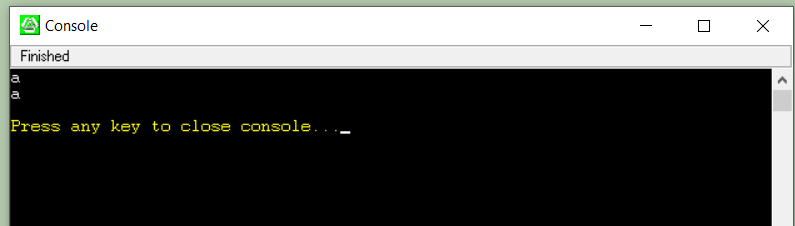
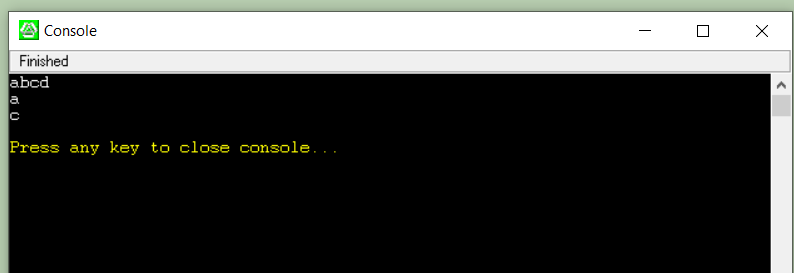
|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **str** | **s** | **len** | **i=1** | **i<=len** | **s[i]** | **i=i+2** |  |  |  |
| **abcd** | **a b c d** | **4** | **1** | **TRUE** | **a** | **3** |  |  |  |
|  |  |  |  | **TRUE** | **c** | **5** |  |  |  |
|  |  |  |  | **FALSE** | **a c** |  |  |  |  |
| **“ “** | **“ “** | **0** | **1** | **FALSE** | **“ “** |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Expected Input** | **Expected Output** | **Actual Output** | **Test Result** |
| Abcd  a  “ “  a1b2c3d4  m!$i!t57a | ac  a  No output  abcd  m$!5a | ac  a  No output  abcd  m$!5a |  |

**Final Result**

<https://drive.google.com/open?id=1J20gg5k-FYuu0tKQowPbAcnMkrQSZQnC>

**Expected Inputs and Outputs**

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