

Istanbul Technical University
Computer Engineering
BLG 102E - Int to Scientific&Eng.Computing (C)
Spring 2022-2023
Midterm 2

- Make sure your source code is compiled and linked successfully, and passed all the tests given with the questions before your submission.
- Remember to use `-std=c99 -Wall -Werror` flags while compiling with gcc.
- **Your codes will be checked with automated similarity checking tools among other submissions and web.**

Question 2: (Duration: 30 minutes)

Modify the code “m2q2.c” to accomplish the description below. Test your code with m2q2.t using calico (python -m calico.cli m2q2.t)

This program accepts a string and a number of parts from the user and divides the string into equal sized parts. You can assume that the length of the string will be an exact multiple of the number of parts. You are allowed to use the string functions `strlen`, `strcpy/strncpy`, `strcat/strncat`. Please find below a set of runs of this program and its corresponding output. The main function for this program is provided to you as part of this question. Note that the main function handles the bar (|) delimiters around the parts in the output. Please add the missing parts to make this code work.

Do not modify the main function. Please **add your code above the main function**. If you modify the main function, you **will get 0 points** from this question.

Some sample runs:

```
Enter phrase: venividivici
Enter number of parts: 3
|veni|
|vidi|
|vici|
```

```
Enter phrase: venividivici
Enter number of parts: 2
|venivi|
|divici|
```