

# Fundamentals of Computer Programming

## CSE 114

### Assignment 7

Write a C program that applies right-align to a text.

- 1) You have a 400 character long string A.
- 2) You have an array of strings that are 20 character long. (number of 20 character strings are to be determined by you.) Do not forget that every line is a string. Hint: string ends with '\0'.
- 3) The A string gets all the text from user **with spaces**.
- 4) The strings in the array represent the lines in the text.
- 5) You need to fill the array with lines right-aligned. This means that with spaces the maximum characters a line can fill is 20 characters.
- 6) The words cannot be divided.

**fill** and **print** functions are mandatory.

**fill(char str[])** will take the text entered by the user as input and will fill the array of lines.

**print(char lines[][])** will print the array line by line as a string. You need to print every line with `printf("%s");`

**WARNING:** You must use **char arrays** for this assignment. If you do not use arrays in your algorithm, you will not get a grade. The use of string library functions is forbidden! As always **clean code** is mandatory. If you do not have clean and readable code, your grade will drop.

#### Example:

```
Enter text:ferman sendedir ama gonul ustaligi bizde senden ayigiz su sarhos hali
mizle sen insan kani icersin biz uzum kani soyle sultanim akil hangimizde
```

```
ferman sendedir ama
gonul ustaligi bizde
    senden ayigiz su
        sarhos halimizle
            sen insan kani
                icersin biz uzum
                    kani soyle sultanim
                        akil hangimizde
```