

Name:

UBIT Name:

Recitation:

1. Write a method that takes a parameter of type `int`. If the `int` is less than 0, return 0. Otherwise, return the sum of the squares of all the `ints` in the interval `[1,n]` (1 through `n`, including both 1 and `n`). For example:

- if the parameter is -1, the result should be 0
- if the parameter is 0, the result should be 0
- if the parameter is 3, the result should be 14 ($1^2+2^2+3^2 = 1+4+9 = 14$)

2. Write a method that takes a `String` and returns an `ArrayList<Character>` containing all of its characters. You will need the following methods:

- `String: charAt(int index)`
- `String: length()`
- `ArrayList: add(E item)`