

Multimedia programming test

Delivery date: **Thursday Aug 11 2016** **time : 12 midnight**

2 procedures in the same file as Jython code:

1 ----- processing strings -----

You have a string such as st= "ABCDEFGEH"

You need to write a procedure to

**1- insert a space after each 3<sup>rd</sup> letter** → ABCDEFGEH will become ABC DEF GHI

**2- replace the letter E with space** output will be → ABC D\_F GHI

**Hint:** see slide set #11, page #11+

You have to use loop to add space, and another loop to find 'E' and delete it

Such as:

```
def space(st):
    newString = ""
    # add space
    for ....

    print newString

    # delete the letter 'E'
    for ....

    print newString
```

2 ----- processing strings -----

counting string occurrences

you have a string like st= "this is jython code, it is a homework, I have to count the is"

your job is to write a function to count how many "is" found in the text . in the given

string , you have 4 "is" .

requirement: use loops and string functions from slides 10 and 11 , you can use the book too

```
def countTheIS(st):
    count=0
    for ...

    return count
```

**NOTE: submit ONE python file has your name inside it to my email [alqudah@ahu.edu.jo](mailto:alqudah@ahu.edu.jo)**