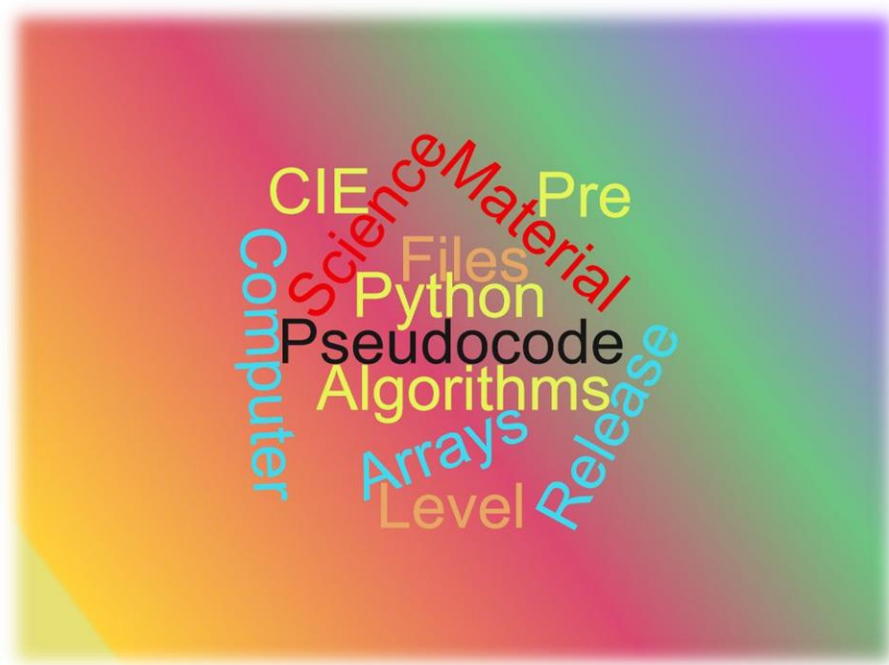


Grade 11

Pre-Release Material

"Computer Science 9608 - May / June 19"

Task 2.1 - Python - version 1



2018-2019

Task2_1.py - D:\Google Drive vlassishk\IS Riga Vlassis\Grade 11\pre-release 19 (22)\Task2_1.py (3.7.0)

File Edit Format Run Options Window Help

```
#Pre Release Material - Task 2.1
```

```
#I assume I know how many students there are in the class. For my example 2 students
```

```
#I don't do any validation for the data. Any StudentID is acceptable
```

```
#An example string with this format would be:
```

```
#"AB1234#Jim99@email.com"
```

```
#-----Task 2.1 -----
```

```
#If I know the number of the students
```

```
with open ('Students.txt','w') as f:
```

```
    for i in range (2):
```

```
        #Read name and email
```

```
        StudentID= str(input("Give Student Name "))
```

```
        StudentEMail=str(input("Give Student E-mail "))
```

```
        #Create combined string
```

```
        CellContent=str(StudentID+"#+StudentEMail+"\n")
```

```
        #The +"\n" is so that the next set of data is written on the next line
```

```
        #Store to file
```

```
        LineData=CellContent
```

```
        f.write(LineData)
```

```
#-----Task 2.1 -Completed-----
```

```
#This is not part of the Task
```

```
# I display the contents of the file.
```

```
print("Display line by line contents of file (striped from control characters")
```

```
with open ('Students.txt','r') as f:
```

```
    for i in range (2):
```

```
        LineData=f.readline()
```

```
        LineData=LineData.strip()
```

```
        print(LineData)
```

I haven't included a variable declaration section. THE VARIABLES NEED TO BE DECLARED

TASK 2.1

Define a structure for a text file that could be used to store information about each student as a string. Each line of the file will contain a single string.

Store at least two pieces of information. For example, you could store each student's ID together with their email address as follows:

```
<StudentID>'# '<EmailAddress>
```

Define a fixed format for the Student ID, for example, two letters followed by four numbers.

An example string with this format would be:

```
"AB1234#Jim99@email.com"
```

Write program code to:

1. open a new text file
2. prompt and input a Student ID and email address (validate if required)
3. form the string as shown
4. write the string to the file
5. repeat from step 2 for all students in the class
6. close the file

Check the contents of the file using a text editor.

Giouroukos Vlassis