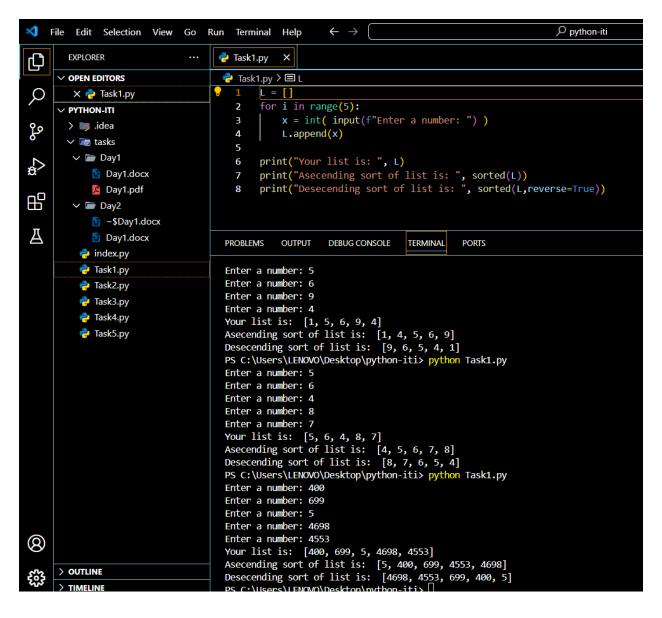
Name: Alaa Abdalzaher Fahim

Day 2

Fill an array of 5 elements from the user, Sort it in descending and ascending orders then display the output.



## Write a program that generates a multiplication table from 1 to the number passed.



Ask the user for his name then confirm that he has entered his name (not an empty string/integers). then proceed to ask him for his email and print all this data (Bonus) check if it is a valid email or not

```
D python-iti
 Selection View Go Run Terminal Help
                       🔁 Task1.py 🛛 🗙
DITORS
                         🔁 Task1.py > 🗐 email
                                name = input("Enter your name:
Task1.py
                                while name.strip() == "" or name.isdigit():
    print("Invalid name. Please enter a valid name.")
idea
asks
                                    name = input("Enter your name: ")
Day1
                           6
 Day1.docx
                                email = input("Enter your email: ")
                           8
 Day1.pdf
                                print ("Email: ", email)
Day2
                          10
 ~$Day1.docx
                                if "@" in email and "." in email:
 Day1.docx
                          12
                                    at index = email. index("@")
ndex.py
                                    dot_index = email.rindex(".")
Task1.py
                          14
                                    if at_index > 0 and dot_index > at_index + 1 and dot_index < len(email) - 1:
                                    print ("Email is valid.")
Task2.py
                          15
                          16
Task3.py
                          17
                                       print ("Email is invalid.")
Task4.py
                          18
Task5.py
                                   print ("Email∏is∏invalid.")
                         PROBLEMS
                                    OUTPUT
                                             DEBUG CONSOLE
                                                             TERMINAL
                                                                        PORTS
                         PS C:\Users\LENOVO\Desktop\python-iti> python Task1.py
                         Enter your name: alaa
                         Enter your email: alaaabdalzaher30@gmail.com
                         Email: alaaabdalzaher30@gmail.com
                         Email is valid.
                         PS C:\Users\LENOVO\Desktop\python-iti> []
```

## Mario pyramid using list

```
Selection View Go Run Terminal Help
                                                                                                     D python-iti
                         🗬 Task1.py
                          存 Task1.py > ...
                                  h = int(input("Enter the height of the Mario pyramid: "))
ask1.py
                                  p = []
for i in range (1, h + 1):
                            4
                                       spaces = h - i
ay1
                                       hashes = i
                                       row = [" "] * spaces + ["*"] * hashes
p. append("".join(row))
Day1.docx
Day1.pdf
                            9
ay2
~$Day1.docx
                           10
                                  for row in p:
Day1.docx
                                    print(row)
                           12
lex.py
k1.py
k2.py
k3.py
k4.py
k5.py
                          PROBLEMS
                                       OUTPUT DEBUG CONSOLE
                          PS C:\Users\LENOVO\Desktop\python-iti> python Task1.py Enter the height of the Mario pyramid: 4
                             **
                           ***
                          ****
                          PS C:\Users\LENOVO\Desktop\python-iti> python Task1.py
Enter the height of the Mario pyramid: 5
                           ****
                          ****
                          PS C:\Users\LENOVO\Desktop\python-iti>
```