



Python

Task: 3

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Home Page

```
Home.py X ProjectMenu.py ViewAllProjects.py addProject.py checkUserData.py InsertUserData.py Delete
Home.py > ...
1 from Login import Login
2 from Register import Register
3
4
5 def MainMenu():
6     print("WELCOME TO CROWD FUND APP")
7     x = input(
8         "please enter 'l' for login or 'r' for register if it's ur first time: ")
9     if x == "l":
10         Login()
11     elif x == "r":
12         Register()
13     else:
14         print("invalid option")
15         MainMenu()
16
17
18 MainMenu()
19
```

Register Page

```
Register.py > Register
1 from InsertUserData import insertInfo
2 from checkUserData import checkUniqueMail
3 from checkUserData import checkUniqueUserid
4 import re
5 mailRegex = r'\b[A-Za-z0-9._%+-]+@[A-Za-z0-9.-]+\.[A-Z|a-z]{2,}\b'
6 phoneRegex = r'^01[0125][0-9]{8}$'
7
8
9 def Register():
10     print(" REGISTER \n")
11     userId = input("Enter your user ID: ")
12     while True:
13         if userId.isnumeric():
14             if checkUniqueUserid(userId):
15                 break
16             else:
17                 userId = input("invalid field, please enter your user ID: ")
18
19     fName = input("Enter your first name: ")
20     while True:
21         if fName.isalpha():
22             break
23         else:
24             fName = input("invalid field, re-enter your first name: ")
25
26     lName = input("Enter your last name: ")
27     while True:
28         if lName.isalpha():
29             break
```

```

Register.py > Register
27 while True:
28     if lName.isalpha():
29         break
30     else:
31         lName = input("invalid field,re-enter your last name: ")
32
33     usrMail = input("Enter ur email: ")
34     while True:
35         if usrMail:
36             if (re.fullmatch(mailRegex, usrMail)):
37                 if checkUniqueMail(usrMail):
38                     break
39             else:
40                 print("Invalid Email")
41                 usrMail = input("re-enter a valid email: ")
42             break
43         else:
44             usrMail = input("Empty field, re-enter your email: ")
45     usrPass = input("Enter a password: ")
46     while True:
47         if usrPass:
48             break
49         else:
50             usrPass = input("Empty field,re-enter your password: ")
51
52     usrPass2 = input("please re-enter the password: ")
53     while True:
54         if usrPass2:
55             if usrPass2 == usrPass:

```

```

56                 break
57             else:
58                 print("password doesn't match")
59                 usrPass2 = input("please re-enter the password: ")
60             break
61         else:
62             usrPass2 = input("Empty field, please re-enter your password: ")
63
64     usrPhone = input("Enter your phone number: ")
65     while True:
66         if usrPhone:
67             if (re.fullmatch(phoneRegex, usrPhone)):
68                 break
69             else:
70                 print("Invalid phone")
71                 usrPhone = input("please enter a valid phone number: ")
72             break
73         else:
74             usrPhone = input("Empty field, please enter your phone: ")
75     info = [userId, fName, lName, usrMail, usrPass, usrPhone]
76     user_info = ":".join(info)
77     insertInfo(user_info)
78

```

Register Page

Enter wrong data

Invalid email

```
E:\ITI\Python\Codes\Day03>C:/Users/Alaa/AppData/Local/Programs/Python/Python310/python.exe e:/ITI/Python/Codes/Day03/FistPage.py
WELCOME TO CROWD FUND APP
please enter 'l' for login or 'r' for register if it's ur first time: r
REGISTER

Enter your user ID: 3
Enter your first name: ahmed
Enter your last name: sameh
Enter ur email: ahmed
Invalid Email
re-enter a valid email: ahmed@gmail.co
Enter a password: 1010
please re-enter the password: 1010
Enter your phone number: 01234567891
```

Repeated ID

```
REGISTER

Enter your user ID: 1
repeated user id

E:\ITI\Python\Codes\Day03>
```

Enter right data

```
E:\ITI\Python\Codes\Day03>C:/Users/Alaa/AppData/Local/Programs/Python/Python310/python.exe e:/ITI/Python/Codes/Day03/FistPage.py
WELCOME TO CROWD FUND APP
please enter 'l' for login or 'r' for register if it's ur first time: r
REGISTER

Enter your user ID: 1
Enter your first name: alaa
Enter your last name: abouzieed
Enter ur email: alaa@gmail.com
Enter a password: 1234
please re-enter the password: 1234
Enter your phone number: 01118128994
```

Login Page

```
Login.py > Login
1  from checkUserData import checkData
2  from ProjectMenu import projectMenu
3
4
5  def Login():
6      print(" LOGIN ")
7
8      usrMail = input("please enter your email: ")
9      while True:
10         if usrMail:
11             break
12         else:
13             usrMail = input("Empty field, Enter your email: ")
14
15         usrPass = input("Enter your password: ")
16         while True:
17             if usrPass:
18                 break
19             else:
20                 usrPass = input("Empty field, Enter your password: ")
21
22         if checkData(usrMail, usrPass):
23             print("logged in successfully")
24             return projectMenu(usrMail)
25         print("Error: enter correct data")
26         return Login()
27
```

Login Page

Enter correct data

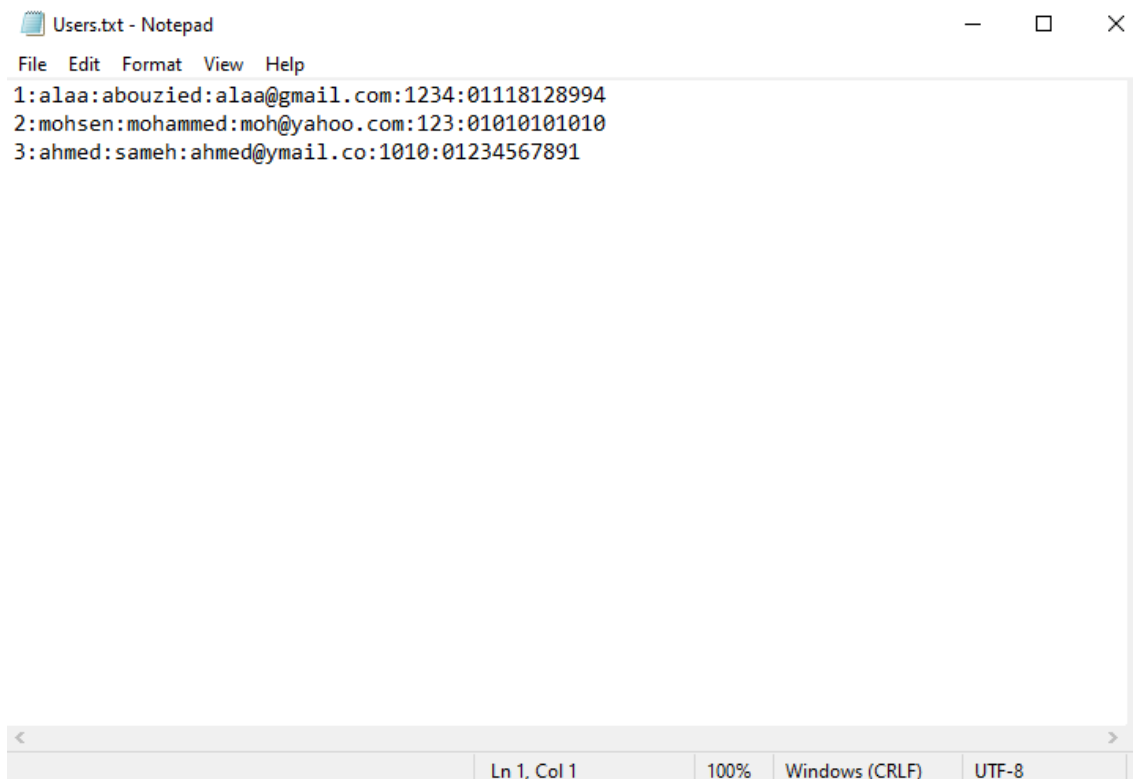
```
please enter 'l' for login or 'r' for register if it's ur first time: l
LOGIN
please enter your email: alaa@gmail.com
Enter your password: 1234
logged in successfully
please choose one of the following options
'a' for adding a new project
'v' for viewing all projects
'e' for editing a project
'd' for deleting a project : █
```

Login Page

Enter wrong data

```
E:\ITI\Python\Codes\Day03>C:/Users/Alaa/AppData/Local/Programs/Python/Python310/python.exe e:/ITI/Python/Codes/Day03/
WELCOME TO CROWD FUND APP
please enter 'l' for login or 'r' for register if it's ur first time: l
LOGIN
please enter your email: alaa
Enter your password: 1223
Error: enter correct data
LOGIN
please enter your email: |
```

Users File



```
Users.txt - Notepad
File Edit Format View Help
1:alaa:abouzed:alaa@gmail.com:1234:01118128994
2:mohsen:mohammed:moh@yahoo.com:123:01010101010
3:ahmed:sameh:ahmed@gmail.co:1010:01234567891
Ln 1, Col 1 100% Windows (CRLF) UTF-8
```

Insert User Page

```
InsertUserData.py > ...
1  def insertInfo(info):
2      with open("Users.txt", "a") as wfile:
3          data = info.strip("\n")
4          data = f"{data}\n"
5          wfile.write(data)
6          wfile.close()
7
```

Add Project Page

```
addProject.py > addProject
1  from checkUserData import checkUniqueProjectId
2  from datetime import datetime
3  from InsertProjectData import insertProjectInfo
4
5
6  def addProject(usrMail):
7      print(" ADD PROJECT ")
8      projectId = input("Enter your project ID: ")
9      while True:
10         if projectId.isnumeric():
11             if checkUniqueProjectId(projectId):
12                 break
13         else:
14             projectId = input("invalid field, please enter your project ID: ")
15
16     projectTitle = input("Enter your project title: ")
17     while True:
18         if projectTitle.isalpha():
19             break
20         else:
21             projectTitle = input(
22                 "invalid field, please enter your project title: ")
23
24     projectDetails = input("Enter your project details: ")
25     while True:
26         if projectDetails:
27             break
28         else:
29             projectDetails = input(
```

```

22         invalid field, please enter your project title: ")
23
24     projectDetails = input("Enter your project details: ")
25     while True:
26         if projectDetails:
27             break
28         else:
29             projectDetails = input(
30                 "invalid field, re-enter your project details: ")
31     projectTarget = input("Enter your project target: ")
32     while True:
33         if projectTarget.isnumeric():
34             break
35         else:
36             projectTarget = input(
37                 "invalid field, re-enter your project target: ")
38
39     while True:
40         projectStartDate = input(
41             "Enter your project start date in format yyyy-mm-dd: "
42         )
43         if projectStartDate:
44             isValidDate = True
45             try:
46                 BeginDate = datetime.strptime(projectStartDate, "%Y-%m-%d")
47             except ValueError:
48                 isValidDate = False
49                 print("Input date is not valid..")
50                 continue

```

```

         isValidDate = False
         print("Input date is not valid..")
         continue
     break
else:
    projectStartDate = input(
        "invalid field, Enter your project start date in format yyyy-mm-dd: "
    )

while True:
    projectEndDate = input(
        "Enter your project end date in format yyyy-mm-dd: "
    )
    if projectEndDate:
        if projectEndDate > projectStartDate:
            isValidDate = True
            try:
                EndDate = datetime.strptime(projectEndDate, "%Y-%m-%d")
            except ValueError:
                isValidDate = False
                print("Input date is not valid..")
                continue
            break
        else:
            projectEndDate = input(
                "invalid field, re-enter your project end date in format yyyy-mm-dd: "
            )

info = [

```



```

70         break
71     else:
72         projectEndDate = input(
73             "invalid field, re-enter your project end date in format yyyy-mm-dd: "
74         )
75
76     info = [
77         projectId,
78         usrMail,
79         projectTitle,
80         projectDetails,
81         projectTarget,
82         projectStartDate,
83         projectEndDate,
84     ]
85     proj_info = ":".join(info)
86     insertProjectInfo(proj_info)
87

```

Add Project successfully

```

please enter your email: alaa@gmail.com
Enter your password: 1234
logged in successfully
please choose one of the following options
'a' for adding a new project
'v' for viewing all projects
'e' for editing a project
'd' for deleting a project : a
ADD PROJECT
Enter your project ID: 2
Enter your project title: react
Enter your project details: website
Enter your project target: 30
Enter your project start date in format yyyy-mm-dd: 2020-5-6
Enter your project end date in format yyyy-mm-dd: 2022-6-4

```

Enter wrong date

```
LOGIN
please enter your email: mohsen@yahoo.com
Enter your password: 123
Error: enter correct data
LOGIN
please enter your email: moh@yahoo.com
Enter your password: 123
logged in successfully
please choose one of the following options
'a' for adding a new project
'v' for viewing all projects
'e' for editing a project
'd' for deleting a project : a
ADD PROJECT
Enter your project ID: 1
Enter your project title: python
Enter your project details: ecommerce
Enter your project target: 2
Enter your project start date in format yyyy-mm-dd: 2022-5-30
Enter your project end date in format yyyy-mm-dd: 2022-4-30
invalid field, re-enter your project end date in format yyyy-mm-dd: 2022-6-30
Enter your project end date in format yyyy-mm-dd: 2022-6-30
```

```
please enter 'l' for login or 'r' for register if it's ur first time: l
LOGIN
please enter your email: alaa@gmail.com
Enter your password: 1234
logged in successfully
please choose one of the following options
'a' for adding a new project
'v' for viewing all projects
'e' for editing a project
'd' for deleting a project : a
ADD PROJECT
Enter your project ID: 2
Enter your project title: bash script
invalid field, please enter your project title: DBMS
Enter your project details: database management system
Enter your project target: 20
Enter your project start date in format yyyy-mm-dd: 2020-6-30
Enter your project end date in format yyyy-mm-dd: 2020-6-30
invalid field, re-enter your project end date in format yyyy-mm-dd: 2022-6-30
Enter your project end date in format yyyy-mm-dd: 2022-6-30
```

Projects Page

File Edit Format View Help

1:moh@yahoo.com:python:ecommerce:2:2022-5-30:2022-6-30

2:alaa@gmail.com:DBMS:database management system:20:2020-6-30:2022-6-30

3:moh@yahoo.com:react:website:50:2021-3-30:2022-6-30

|

Insert Project Page

```
InsertProjectData.py > ...
1 def insertProjectInfo(info):
2     with open("Projects.txt", "a") as pfile:
3         data = info.strip("\n")
4         data = f"{data}\n"
5         pfile.write(data)
6         pfile.close()
7
```

Project Menu Page

```
ProjectMenu.py > projectMenu
1 from addProject import addProject
2 from ViewAllProjects import viewProjects
3 from EditProject import editProject
4 from DeleteProject import deleteProject
5
6
7 def projectMenu(usrMail):
8     y = input(
9         "please choose one of the following options\n"
10        "'a' for adding a new project\n'v' for viewing all projects\n"
11        "'e' for editing a project\n'd' for deleting a project : "
12    )
13    if y == "a":
14        addProject(usrMail)
15    elif y == "v":
16        viewProjects()
17    elif y == "e":
18        editProject(usrMail)
19    elif y == "d":
20        deleteProject(usrMail)
21    else:
22        print("invalid option")
23        projectMenu(usrMail)
24
```

Edit Project Page

```
EditProject.py > editProject
1 def editProject(usrMail):
2     print(" EDIT PROJECT ")
3     print("All Projects:\n")
4     newList = []
5     with open("Projects.txt", "r") as pfile:
6         projects = pfile.readlines()
7         for proj in projects:
8             proj_info = proj.split(":")
9             newList.append(proj_info)
10            if proj_info[1] == usrMail:
11                print(proj_info)
12
13    myProjID = input("enter id of project you want to edit: ")
14    if myProjID.isnumeric():
15        flag = False
16        myProjID = int(myProjID)
17        for i in newList:
18            if int(i[0]) == myProjID:
19                g = input(
20                    "Choose one of the following options\n"
21                    "'a' to edit project title\n'b' to edit project details\n"
22                    "'c' to edit project target\n'd' to edit project start date"
23                    "\n'e' to edit project end date : "
24                )
25                if g == "a":
26                    h = input("enter new title: ")
27                    while True:
28                        if h.isalpha():
29                            i[2] = h
```

```
EditProject.py > editProject
25         if g == "a":
26             h = input("enter new title: ")
27             while True:
28                 if h.isalpha():
29                     i[2] = h
30                     # print(i)
31                     flag = True
32                     with open("Projects.txt", "w") as pwfile:
33                         # projects = pwfile.readlines()
34                         for lst in newList:
35                             lst = ":".join(lst)
36                             pwfile.write(lst)
37                             pwfile.write("\n")
38                     break
39                 else:
40                     h = input("invalid value, enter new title: ")
41         elif g == "b":
42             h = input("enter new project details: ")
43             while True:
44                 if h.isalpha():
45                     i[3] = h
46                     flag = True
47                     with open("Projects.txt", "w") as pwfile:
48                         for lst in newList:
49                             lst = ":".join(lst)
50                             pwfile.write(lst)
51                             pwfile.write("\n")
52                     break
53             else:
```

```

54         h = input(
55             "invalid value, re-enter the project details: ")
56     elif g == "c":
57         h = input("enter new project target: ")
58         while True:
59             if h.isnumeric():
60                 i[4] = h
61                 flag = True
62                 with open("Projects.txt", "w") as pwfile:
63                     for lst in newList:
64                         lst = ":".join(lst)
65                         pwfile.write(lst)
66                         pwfile.write("\n")
67                 break
68             else:
69                 h = input(
70                     "invalid value, re-enter the project target: ")
71     elif g == "d":
72         h = input(
73             "enter new project start date in format yyyy-mm-dd: ")
74         while True:
75             if h:
76                 i[5] = h
77                 flag = True
78                 with open("Projects.txt", "w") as pwfile:
79                     for lst in newList:
80                         lst = ":".join(lst)
81                         pwfile.write(lst)
82                         pwfile.write("\n")

```

```

75         if h:
76             i[5] = h
77             flag = True
78             with open("Projects.txt", "w") as pwfile:
79                 for lst in newList:
80                     lst = ":".join(lst)
81                     pwfile.write(lst)
82                     pwfile.write("\n")
83             break
84         else:
85             h = input(
86                 "invalid value, enter new project start date in format yyyy-mm-dd: "
87             )
88     elif g == "e":
89         h = input(
90             "enter new project end date in format yyyy-mm-dd: ")
91         while True:
92             if h:
93                 i[6] = h
94                 flag = True
95                 with open("Projects.txt", "w") as pwfile:
96                     for lst in newList:
97                         lst = ":".join(lst)
98                         pwfile.write(lst)
99                         pwfile.write("\n")
100             break
101         else:
102             h = input(
103                 "invalid value, enter new project end date in format yyyy-mm-dd: "

```

```

97         lst = ":".join(lst)
98         pwfile.write(lst)
99         pwfile.write("\n")
100     break
101     else:
102         h = input(
103             "invalid value, enter new project end date in format yyyy-mm-dd: "
104         )
105     else:
106         print("invalid option")
107
108     if flag == True:
109
110         break
111 else:
112     myProj = input("invalid field, please enter ur project ID: ")
113 return True
114

```

Edit run

Enter data

```

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  JUPYTER

WELCOME TO CROWD FUND APP
please enter 'l' for login or 'r' for register if it's ur first time: l
LOGIN
please enter your email: alaa@gmail.com
Enter your password: 1234
logged in successfully
please choose one of the following options
'a' for adding a new project
'v' for viewing all projects
'e' for editing a project
'd' for deleting a project : e
EDIT PROJECT
All Projects:

['2', 'alaa@gmail.com', 'DBMS', 'database management system', '20', '2020-6-30', '2022-6-30\n']
enter id of project you want to edit: 2
Choose one of the following options
'a' to edit project title
'b' to edit project details
'c' to edit project target
'd' to edit project start date
'e' to edit project end date : a
enter new title: DataBash

```

Project file before editing

File Edit Format View Help

1:moh@yahoo.com:python:ecommerce:2:2022-5-30:2022-6-30

2:alaa@gmail.com:DBMS:database management system:20:2020-6-30:2022-6-30

3:moh@yahoo.com:react:website:50:2021-3-30:2022-6-30

Project file After editing

Projects.txt - Notepad

File Edit Format View Help

1:moh@yahoo.com:python:ecommerce:2:2022-5-30:2022-6-30

2:alaa@gmail.com:DataBash:database management system:20:2020-6-30:2022-6-30

3:moh@yahoo.com:react:website:50:2021-3-30:2022-6-30

Delete project Page

```
DeleteProject.py > deleteProject
1 def deleteProject(usrMail):
2     print(" DELETE PROJECT ")
3     print("All projects:\n")
4     newList = []
5     with open("Projects.txt", "r") as pfile:
6         projects = pfile.readlines()
7         for proj in projects:
8             proj_info = proj.split(":")
9             newList.append(proj_info)
10            print(proj_info[1])
11            if proj_info[0] == usrMail:
12                print(proj_info)
13            else:
14                print("not the owner user")
15    myProjID = input("enter id of project u want to delete: ")
16    if myProjID.isnumeric():
17        for pos, i in enumerate(newList):
18            print(pos, i)
19            print(i[0])
20            if i[0] == myProjID:
21                newList[pos].clear()
22                print(newList[pos])
23                with open("Projects.txt", "w") as pfile:
24                    with open("Projects.txt", "a") as pfile:
25                        for i in newList:
26                            pfile.write(":".join(i))
27
28    else:
29        myProj = input("invalid field, please enter ur project ID: ")
30
31    return True
32
```

Try to delete projects of another user

```
DELETE PROJECT
All projects:

moh@yahoo.com
not the owner user
```

Delete run

Enter data

```
enter new title: DataBash

E:\ITI\Python\Codes\Day03>C:/Users/Alaa/AppData/Local/Programs/Python/Python310/python.exe e:/ITI/Python/Codes/Day03/Home.py
WELCOME TO CROWD FUND APP
please enter 'l' for login or 'r' for register if it's ur first time: l
LOGIN
please enter your email: moh@yahoo.com
Enter your password: 123
logged in successfully
please choose one of the following options
'a' for adding a new project
'v' for viewing all projects
'e' for editing a project
'd' for deleting a project : d
DELETE PROJECT
All projects:

enter id of project u want to delete: 4
0 ['1', 'moh@yahoo.com', 'python', 'ecommerce', '2', '2022-5-30', '2022-6-30\n']
1
1 ['\n']

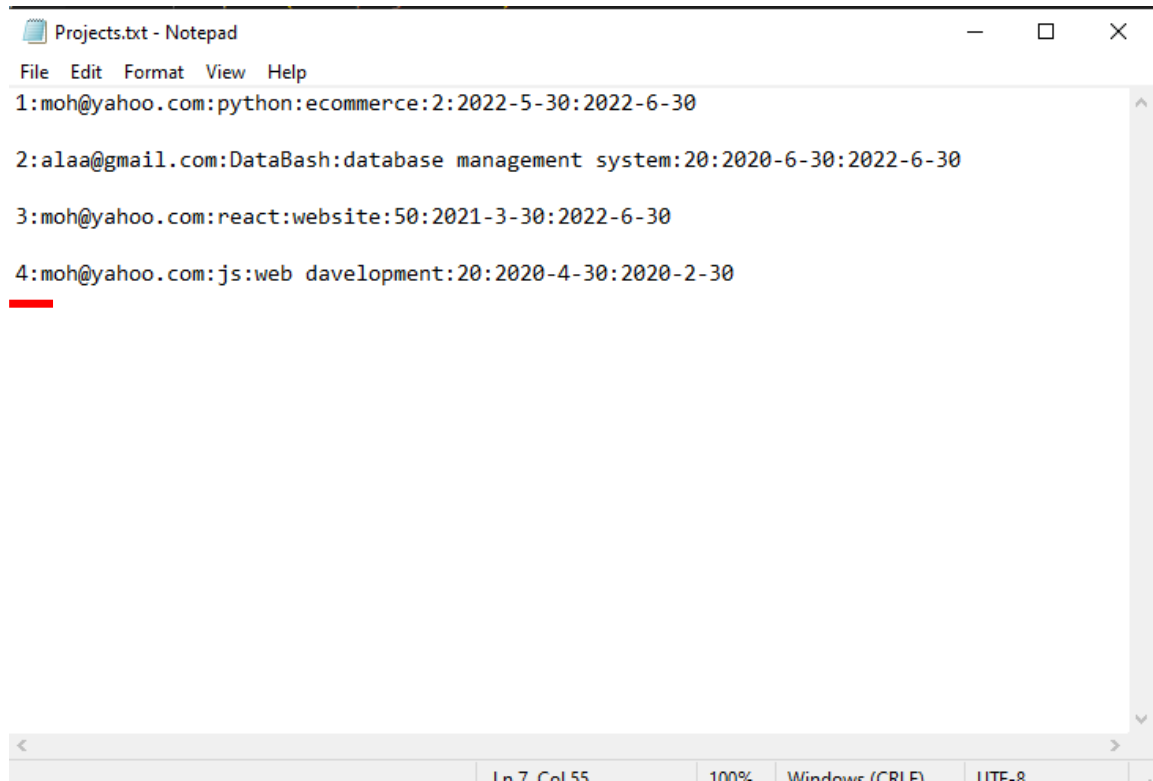
2 ['2', 'alaa@gmail.com', 'DataBash', 'database management system', '20', '2020-6-30', '2022-6-30\n']
2
3 ['\n']

4 ['3', 'moh@yahoo.com', 'react', 'website', '50', '2021-3-30', '2022-6-30\n']
3
5 ['\n']

6 ['4', 'moh@yahoo.com', 'js', 'web dvelopment', '20', '2020-4-30', '2020-2-30\n']
4
[]

E:\ITI\Python\Codes\Day03>
```

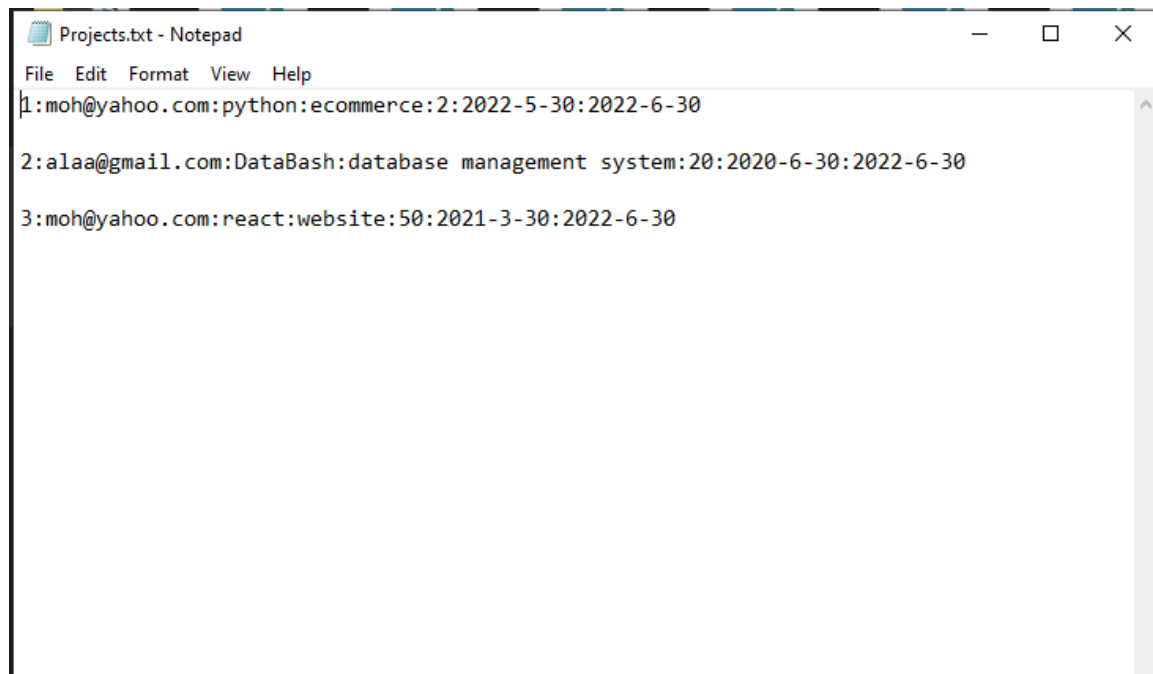
Project file before Deleting



A screenshot of a Notepad window titled "Projects.txt - Notepad". The window contains a list of four project entries, each on a new line. The first entry is "1:moh@yahoo.com:python:ecommerce:2:2022-5-30:2022-6-30". The second entry is "2:alaa@gmail.com:DataBash:database management system:20:2020-6-30:2022-6-30". The third entry is "3:moh@yahoo.com:react:website:50:2021-3-30:2022-6-30". The fourth entry is "4:moh@yahoo.com:js:web davevelopment:20:2020-4-30:2020-2-30". The fourth line is highlighted with a red background. The Notepad window has a menu bar with "File", "Edit", "Format", "View", and "Help". The status bar at the bottom shows "Ln 7, Col 55", "100%", "Windows (CR LF)", and "UTF-8".

```
Projects.txt - Notepad
File Edit Format View Help
1:moh@yahoo.com:python:ecommerce:2:2022-5-30:2022-6-30
2:alaa@gmail.com:DataBash:database management system:20:2020-6-30:2022-6-30
3:moh@yahoo.com:react:website:50:2021-3-30:2022-6-30
4:moh@yahoo.com:js:web davevelopment:20:2020-4-30:2020-2-30
```

Project file after editing



A screenshot of a Notepad window titled "Projects.txt - Notepad". The window contains a list of three project entries, each on a new line. The first entry is "1:moh@yahoo.com:python:ecommerce:2:2022-5-30:2022-6-30". The second entry is "2:alaa@gmail.com:DataBash:database management system:20:2020-6-30:2022-6-30". The third entry is "3:moh@yahoo.com:react:website:50:2021-3-30:2022-6-30". The fourth entry has been removed. The Notepad window has a menu bar with "File", "Edit", "Format", "View", and "Help". The status bar at the bottom shows "Ln 7, Col 55", "100%", "Windows (CR LF)", and "UTF-8".

```
Projects.txt - Notepad
File Edit Format View Help
1:moh@yahoo.com:python:ecommerce:2:2022-5-30:2022-6-30
2:alaa@gmail.com:DataBash:database management system:20:2020-6-30:2022-6-30
3:moh@yahoo.com:react:website:50:2021-3-30:2022-6-30
```

View all projects Page

```
ViewAllProjects.py > ...
1  def viewProjects():
2      print(" ALL PROJECTS ")
3      with open("Projects.txt", "r") as pfile:
4          projects = pfile.readlines()
5          for proj in projects:
6              proj_info = proj.split(":")
7              print(proj_info)
8      return True
9
```

View all projects run

```
please enter 'l' for login or 'r' for register if it's ur first time: l
LOGIN
please enter your email: moh@yahoo.com
Enter your password: 123
logged in successfully
please choose one of the following options
'a' for adding a new project
'v' for viewing all projects
'e' for editing a project
'd' for deleting a project : v
ALL PROJECTS
['1', 'moh@yahoo.com', 'python', 'ecommerce', '2', '2022-5-30', '2022-6-30\n']
['\n']
['2', 'alaa@gmail.com', 'DataBash', 'database management system', '20', '2020-6-30', '2022-6-30\n']
['\n']
['3', 'moh@yahoo.com', 'react', 'website', '50', '2021-3-30', '2022-6-30']

E:\ITI\Python\Codes\Day03>
```

Check users data page

```
checkUserData.py > ...
1  def checkData(userMail, password):
2      with open("Users.txt") as rfile:
3          users = rfile.readlines()
4          for user in users:
5              user_info = user.split(":")
6              if user_info[3] == userMail and user_info[4] == password:
7                  return True
8      return False
9
10
11 def checkUniqueMail(registerMail):
12     with open("Users.txt") as rfile:
13         users = rfile.readlines()
14         for user in users:
15             user_info = user.split(":")
16             if user_info[3] == registerMail:
17                 print("repeated mail")
18                 exit()
19     return True
20
21
22 def checkUniqueProjectId(projectId):
23     with open("Projects.txt") as pfile:
24         projects = pfile.readlines()
25         for proj in projects:
26             proj_info = proj.split(":")
27             if proj_info[0] == projectId:
28                 print("repeated project id")
29                 exit()
30
```

```
20
21
22 def checkUniqueProjectId(projectId):
23     with open("Projects.txt") as pfile:
24         projects = pfile.readlines()
25         for proj in projects:
26             proj_info = proj.split(":")
27             if proj_info[0] == projectId:
28                 print("repeated project id")
29                 exit()
30     return True
31
32
33 def checkUniqueUserId(userId):
34     with open("Users.txt") as rfile:
35         users = s = rfile.readlines()
36         for user in users:
37             user_info = user.split(":")
38             if user_info[0] == userId:
39                 print("repeated user id")
40                 exit()
41     return True
42
```