



Comsats University Islamabad
Abbottabad Campus

Information Security

Lab Task 2a

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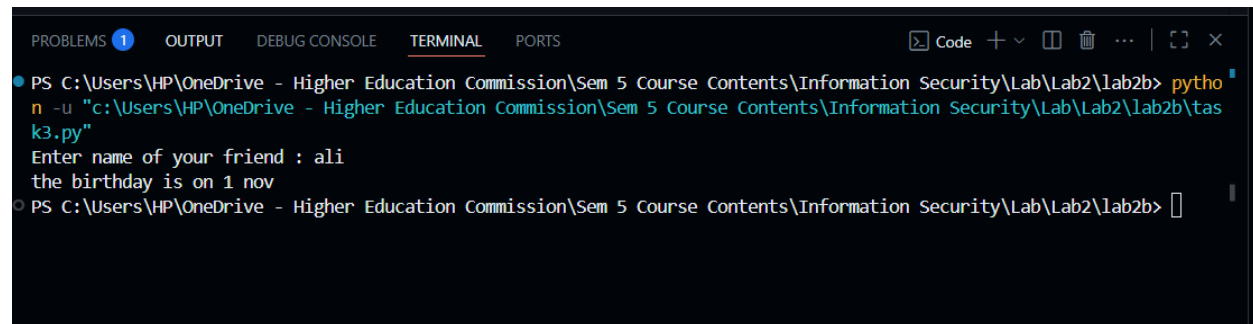
Instructor: Ma'am Fatime Hameed

Lab Task 3: For this exercise, you will keep track of when our friend's birthdays are, and be able to find that information based on their name. Create a dictionary (in your file) of names and birthdays. When you run your program it should ask the user to enter a name, and return the birthday of that person back to them. The interaction should look something like this:

```
myDictionary={"ali":"1 nov","vali":"2 nov","hasan":"3 nov"
              ,"husan":"4 nov","olim":"5 nov"}

name=input("Enter name of your friend : ").lower()

print(f"the birthday is on {myDictionary.get(name,'not found')}")
```



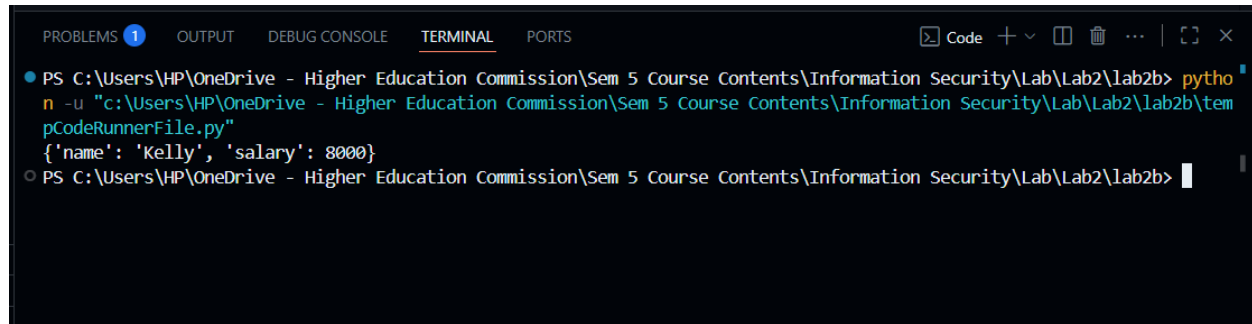
```
PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\HP\OneDrive - Higher Education Commission\Sem 5 Course Contents\Information Security\Lab\Lab2\lab2b> python -u "c:\Users\HP\OneDrive - Higher Education Commission\Sem 5 Course Contents\Information Security\Lab\Lab2\lab2b\task3.py"
Enter name of your friend : ali
the birthday is on 1 nov
PS C:\Users\HP\OneDrive - Higher Education Commission\Sem 5 Course Contents\Information Security\Lab\Lab2\lab2b> 
```

Lab Task 4: Create a dictionary by extracting the keys from a given dictionary Write a Python program to create a new dictionary by extracting the mentioned keys from the below dictionary.

```
sample_dict = {
    "name": "Kelly",
    "age": 25,
    "salary": 8000,
    "city": "New york"}

keys = ["name", "salary"]

new_dict = {k: sample_dict[k] for k in keys}
print(new_dict)
```



The image shows a screenshot of a Visual Studio Code terminal window. The terminal has tabs for PROBLEMS (with a blue icon and '1'), OUTPUT, DEBUG CONSOLE, TERMINAL (which is active and underlined), and PORTS. The terminal interface includes icons for Code, a plus-minus sign, a window icon, a trash icon, an ellipsis, a search icon, and a close icon. The command history shows a PowerShell prompt at 'PS C:\Users\HP\OneDrive - Higher Education Commission\Sem 5 Course Contents\Information Security\Lab\Lab2\lab2b>' followed by the command 'python -u "c:\Users\HP\OneDrive - Higher Education Commission\Sem 5 Course Contents\Information Security\Lab\Lab2\lab2b\tempCodeRunnerFile.py"'. The output of the command is a JSON object: {'name': 'Kelly', 'salary': 8000}. The prompt is now at 'PS C:\Users\HP\OneDrive - Higher Education Commission\Sem 5 Course Contents\Information Security\Lab\Lab2\lab2b>'.

```
PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS Code + - [ ] [ ] ... | [ ] [ ] X
```

- PS C:\Users\HP\OneDrive - Higher Education Commission\Sem 5 Course Contents\Information Security\Lab\Lab2\lab2b> python -u "c:\Users\HP\OneDrive - Higher Education Commission\Sem 5 Course Contents\Information Security\Lab\Lab2\lab2b\tempCodeRunnerFile.py"
{'name': 'Kelly', 'salary': 8000}
- PS C:\Users\HP\OneDrive - Higher Education Commission\Sem 5 Course Contents\Information Security\Lab\Lab2\lab2b>