

ASSIGNMENT

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Using function:

```
user_database={"sam":159, "ram":852, "suman":741}
print(user_database)
print("ENTER 1 FOR REGISTER")
print("ENTER 2 FOR LOGIN")
```

```
reg_log=int(input("ENTER 1 OR 2: "))
```

```
def register():
    username=input("ENTER USER NAME: ")
    if username in user_database:
        print("Username already exist, Enter different one!")
    else:
        password=int(input("ENTER PASSWORD: "))
        user_database[username]=password
        print(username, " you registerd successfully")
        print(user_database)
```

```
def login():
    username=input("ENTER USER NAME: ")
    if username in user_database.keys():
        password=int(input("ENTER PASSWORD: "))
        if user_database[username]==password:
            print(username, "you logged in successfully!")
        else:
            print(username, "enter correct password!")
    else:
        print("You not registerd")
```

```
if reg_log==1:
```

```
register()
```

```
elif reg_log==2:
```

```
login()
```

```
else:
```

```
print("---ENTER CORRECT OPTION---")
```

Out put:

```
{'sam': 159, 'ram': 852, 'suman': 741}  
ENTER 1 FOR REGISTER  
ENTER 2 FOR LOGIN  
ENTER 1 OR 2: 1  
ENTER USER NAME: sam  
Username already exist, Enter different one!
```

```
{'sam': 159, 'ram': 852, 'suman': 741}  
ENTER 1 FOR REGISTER  
ENTER 2 FOR LOGIN  
ENTER 1 OR 2: 1  
ENTER USER NAME: raj  
ENTER PASSWORD: 125  
raj you registered successfully  
{'sam': 159, 'ram': 852, 'suman': 741, 'raj': 125}
```

```
{'sam': 159, 'ram': 852, 'suman': 741}  
ENTER 1 FOR REGISTER  
ENTER 2 FOR LOGIN  
ENTER 1 OR 2: 2  
ENTER USER NAME: ram  
ENTER PASSWORD: 258  
ram enter correct password!
```

```
{'sam': 159, 'ram': 852, 'suman': 741}  
ENTER 1 FOR REGISTER  
ENTER 2 FOR LOGIN  
ENTER 1 OR 2: 2  
ENTER USER NAME: suman  
ENTER PASSWORD: 741  
suman you logged in successfully!
```

Without using function:

```
user_database={"sam":159, "ram":852, "suman":741}
```

```
print(user_database)
```

```
print("ENTER 1 FOR REGISTER")
```

```
print("ENTER 2 FOR LOGIN")
```

```
reg_log=int(input("ENTER 1 OR 2: "))
```

```
if reg_log==1:
```

```
    username=input("ENTER USER NAME: ")
```

```
    if username in user_database:
```

```
        print("Username already exist, Enter different one!")
```

```
    else:
```

```
        password=int(input("ENTER PASSWORD: "))
```

```
        user_database[username]=password
```

```
        print(username, " you registerd successfully")
```

```
        print(user_database)
```

```
elif reg_log==2:
```

```
    username=input("ENTER USER NAME: ")
```

```
    if username in user_database.keys():
```

```
        password=int(input("ENTER PASSWORD: "))
```

```
        if user_database[username]==password:
```

```
            print(username, "you logged in successfully!")
```

```
        else:
```

```
            print(username, "enter correct password!")
```

```
    else:
```

```
        print("You not registerd")
```

```
else:
```

```
    print("---ENTER CORRECT OPTION---")
```

Output:

```
{'sam': 159, 'ram': 852, 'suman': 741}
ENTER 1 FOR REGISTER
ENTER 2 FOR LOGIN
ENTER 1 OR 2: 1
ENTER USER NAME: sam
Username already exist, Enter different one!
```

```
{'sam': 159, 'ram': 852, 'suman': 741}
ENTER 1 FOR REGISTER
ENTER 2 FOR LOGIN
ENTER 1 OR 2: 1
ENTER USER NAME: raj
ENTER PASSWORD: 125
raj you registerd successfully
{'sam': 159, 'ram': 852, 'suman': 741, 'raj': 125}
```

```
{'sam': 159, 'ram': 852, 'suman': 741}
ENTER 1 FOR REGISTER
ENTER 2 FOR LOGIN
ENTER 1 OR 2: 2
ENTER USER NAME: ram
ENTER PASSWORD: 258
ram enter correct password!
```

```
{'sam': 159, 'ram': 852, 'suman': 741}
ENTER 1 FOR REGISTER
ENTER 2 FOR LOGIN
ENTER 1 OR 2: 2
ENTER USER NAME: suman
ENTER PASSWORD: 741
suman you logged in successfully!
```