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## **KNOWLEDGE BASE LEARNING PORTAL**

```
class Main:
```

```
    def choose(self):
```

```
        print("\t\t-----KNOWLEDGE BASE - LEARNING PORTAL-----\n")
```

```
        print("1.REGISTER \n2.USER LOGIN\n3.ADMIN LOGIN")
```

```
        choice = int(input())
```

```
        if(choice == 1):
```

```
            from Validate import Validate
```

```
            val=Validate()
```

```
            val.userRegister()
```

```
        elif(choice == 2):
```

```
            from login import Login
```

```
            log = Login()
```

```
            log.loginPage()
```

```
        elif(choice == 3):
```

```
            from Admin_login import Admin
```

```
m = Main()
```

```
m.choose()
```

```

import csv

import re

class Validate:

    def userRegister(self):

        print("-----REGISTER-----")

        flag = True

        while(flag):

            data = []

            global
new_user_name,new_user_emailid,new_user_confirmpassword,new_user_city,new_user_passwor
d

            new_user_name = input("Name: ")

            data.append(new_user_name)

            flag1 = True

            while(flag1):

                print("password should contains 1-uppercase,1-lowercase,1-special symbol")

                new_user_password = input("password: ")

                if re.match(r'[A-Za-z0-9@#${6,12}', new_user_password):

                    data.append(new_user_password)

                    length=len(new_user_password)

                    if(length<7):

                        print("weak password")

                    else:

                        print("strong password")

                    flag1 = False

                else:

                    print("Invalid password")

            flag2=True

            while(flag2):

                new_user_emailid = input("Email_Id: ")

```

```

if re.match(r'^[a-z0-9]+[\._]?[a-z0-9]+[@]\w+[.]\w{2,3}$', new_user_emailid):
    data.append(new_user_emailid)
    flag2 = False
else:
    print("Invalid email")
new_user_city = input("City/Town: ")
data.append(new_user_city)
new_user_confirmpassword = input("Confirm Password: ")
data.append(new_user_confirmpassword)
print("\n")
if(new_user_password != new_user_confirmpassword):
    print("Incorrect password")
    flag = True
else:
    print("Register Successfully...")
    print(data)
    with open('data.csv','a',newline=")as file:
        file1 = csv.writer(file)
        file1.writerow(data)
    file.close()
    from login import Login
    log = Login()
    log.loginPage()
val = Validate()

```

```

import csv

class Login:

    def loginPage(self):

        global user_login_name,user_login_password

        print("\t\t-----LOGIN-----")

        flag = True

        while flag:

            user_login_name = input("UserName: ")

            user_login_password = input("Password: ")

            with open('data.csv','r')as file:

                file2 = csv.reader(file)

                # row = file.readlines()

                for lines in file:

                    data=lines.split(",")

                    #print(data)

                    #print(data[0],loginname)

                    #try:

                    if(data[0] == user_login_name and data[1] == user_login_password):

                        print("login successfully...")

            file.close()

            flag = False

        from home_page import Home

        h=Home()

        h.homePage()

log = Login()

```

```
#log.login()
```

```
class Courses:
```

```
    def myCourses(self):
```

```
        print("\n1.Python\t2.Java\t3.RDBMS\t4.Home")
```

```
        choice = int(input())
```

```
        if(choice==1):
```

```
            course.pythonCourse()
```

```
        elif(choice==2):
```

```
            course.javaCourse()
```

```
        elif(choice==3):
```

```
            course.rdbmsCourse()
```

```
        elif(choice==4):
```

```
            course.homePage()
```

```
        else:
```

```
            print("Invalid number")
```

```
            course.myCourses()
```

```
    def pythonCourse(self):
```

```
        try:
```

```
            file=open("python_course.txt",'r')
```

```
            print(file.read())
```

```
            #print(file.closed)
```

```
            course.myCourses()
```

```

        file.close()

    except KeyError:
        print(KeyError)

def javaCourse(self):
    try:
        file=open("java.txt",'r')
        print(file.read())
        course.myCourses()
        file.close()
    except KeyError:
        print(KeyError)

def rdbmsCourse(self):
    try:
        file=open("rdbms_course.txt",'r')
        print(file.read())
        course.myCourses()
        file.close()
    except KeyError:
        print(KeyError)

def homePage(self):
    from home_page import Home
    h=Home()
    h.homePage()

course = Courses()
#course.myCourses()

```

```

import csv

class Detail:
    def myProfile(self):
        print("-----MYPROFILE-----")
        import login
        login_name = login.user_login_name
        login_psswd = login.user_login_password
        with open('data.csv','r') as file:
            file1 = csv.reader(file)
            for lines in file1:
                data=lines.split(",")
                if(data[0]==login_name and data[1]==login_psswd):
                    print("Email Id: ",data[2])
                    print("Name: ",data[0])
                    print("City: ",data[3])
                    print("Password: ",data[1])
            file.close()
        print("1.Home\t2.MyCourses\t3.Logout")
        choice = int(input())

```

```

if(choice==1):
    from home_page import Home
    h=Home()
    h.homePage()
elif(choice==2):
    from Mycourse import Courses
    course=Courses()
    course.myCourses()
elif(choice==3):
    from logout import Logout
    lo = Logout()
    lo.logOut()
else:
    print("Invalid number")
det = Detail()
#det.myprofile()

```

```

class Admin:
    def __init__(self,admin_name,admin_password):
        self.admin_name = admin_name
        self.admin_password = admin_password
    def adminLogin(self):
        self.login_name = input("Admin name: ")
        self.login_psswd = input("password: ")
        if(self.admin_name == self.login_name and self.admin_password == self.login_psswd):
            file=open("data.csv","r")
            print(file.read())
            print("1.Add user\t2.Logout")
            choice = int(input())
            if(choice==1):
                from Validate import Validate

```



```
        val=Validate()
        val.userRegister()
    elif(choice==2):
        print("Thank you")
        exit()
    else:
        print("Invalid admin name or password")
        ad.adminLogin()
ad = Admin("chan","chan@123")
ad.adminLogin()

class Logout:
    def logOut(self):
        print("Thank you for visit")
        exit()
lo = Logout()
```