Dear Students,

We have covered core python, now it's time to test your coding and logical skills, also to know how confident you are with the syntax, i'm giving you a small project:

Write a python program to replicate a Banking system. The following features are mandatory:

1. Account login
2. Amount Depositing
3. Amount Withdrawal

Other than the above features you can add any other also.

You should upload the code and output in to your github account. Submit the github link here.

(Score : code (7) + extra features (2) + Timely submission (1))

```python
class Login:
    acc_no1=13579
    acc_no2=24682
    acc_no3=35876
    name1='VARUN K S'
    name2='AKHIL KUMAR'
    name3='ANJANA ARORA'
    pass_word1='1234'
    pass_word2='5678'
    pass_word3='9123'
    acc_balance1=1000
    acc_balance2=2000
    acc_balance3=3000
    log_id = input('Enter your log in id or name: ')
    pswrd = input('Enter your password: ')
    def acc(self):
        if self.log_id.upper()==self.name1:
            if self.pswrd.upper()==self.pass_word1:
                print('Your account details\n')
                print('Name: ',self.name1)
                print('Account number:',self.acc_no1)
                print('your last account balance was:',self.acc_balance1)
            else:print('your password is incorrect')
        elif self.log_id.upper()==self.name2:
            if pswrd==self.pass_word2:
                print('your account details\n')
                print('name: ', self.name2)
                print('account number:', self.acc_no2)
                print('your last account balance was:', self.acc_balance2)
            else:print('your password is incorrect')
        elif self.log_id.upper()==self.name3:
            if pswrd==self.pass_word3:
                print('Your account details\n')
                print('Name: ', self.name3)
                print('Account number:', self.acc_no3)
```

```python
                    print('Your last account balance was:', self.acc_balance3)
            else:print('Your password is incorrect')
        else:print('Please check the user name you entered')
class Deposit(Login):
    r=input('Do you wish to make a deposit?')
    if r.lower()=='yes':
        dep=int(input('Enter the amount you want to deposit:'))

    def depo(self):
        if self.log_id.upper()==self.name1:
            print(self.dep,'amount successfully credited to your account and
your final balance is:',
                self.dep+self.acc_balance1)
        elif self.log_id.upper()==self.name2:
            print(self.dep, 'amount successfully credited to your account and
your final balance is:',
                    self.dep + self.acc_balance2)
        elif self.log_id.upper()==self.name3:
            print(self.dep, 'amount successfully credited to your account and
your final balance is:',
                    self.dep + self.acc_balance3)

class Withdrawel(Deposit):
    s=input('do you want to withdraw?')
    if s.lower()=='yes':
        withd=int(input('enter the amount you want to withdraw:'))
    elif s.lower()=='no':
        print('thank you for banking with us')
    def withdraw(self):
        if self.log_id.upper()==self.name1:
            if self.withd<self.acc_balance1+self.dep:
                print(self.withd,'amount successfully debited from your account
and your final balance is:',
                        self.dep+self.acc_balance1-self.withd)
            else:print("you don't have sufficient balnce")
        elif self.log_id.upper()==self.name2:
            if self.withd < self.acc_balance2 +self.dep:
                print(self.withd, 'amount successfully debited from your account
and your final balance is:',
                    self.dep + self.acc_balance2-self.withd)
            else:print("you don't have sufficient balnce")
        elif self.log_id.upper()==self.name3:
            if self.withd < self.acc_balance2 + self.dep:
                print(self.withd, 'amount successfully debited to yor account
and your final balance is:',
                    self.dep + self.acc_balance3-self.withd)
```

```
w=Withdrawel()
w.acc()
w.depo()
w.withdraw()
```

C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\venv\Scripts\python.exe
C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\venv\mini_roject_banking.py
Enter your log in id or name: varun k s
Enter your password: 1234
Do you wish to make a deposit?yes
Enter the amount you want to deposit:5000
do you want to withdraw?yes
enter the amount you want to withdraw:2000
Your account details

Name: VARUN K S
Account number: 13579
your last account balance was: 1000
5000 amount successfully credited to your account and your final balance is: 6000
2000 amount successfully debited from your account and your final balance is: 4000

Process finished with exit code 0