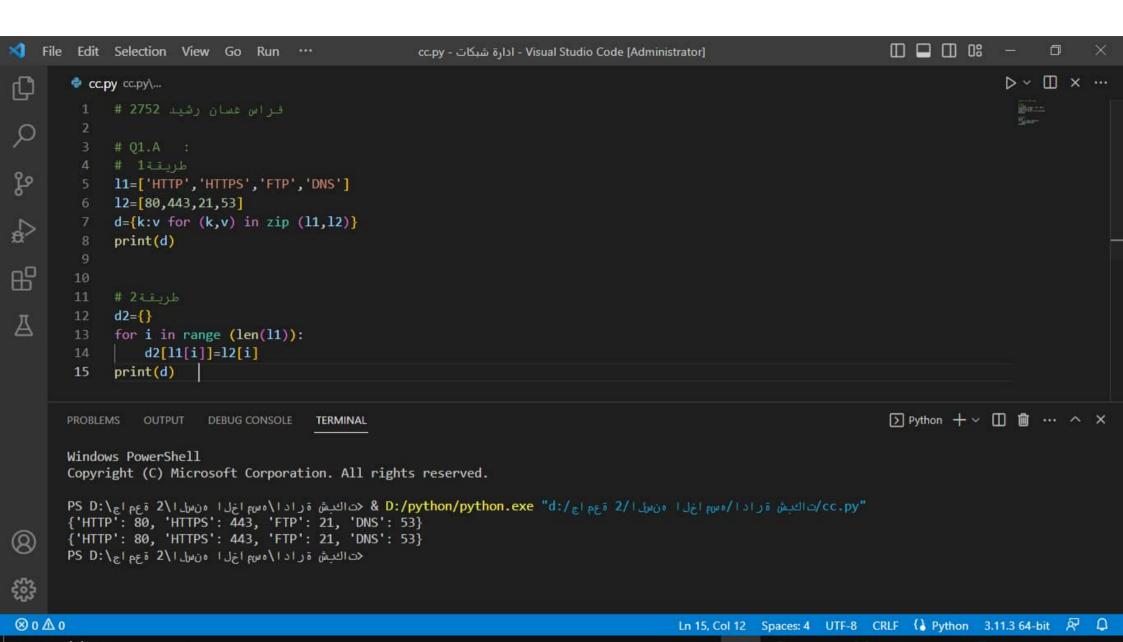
2752 mm) chie () jo ! Questionli (1 = me) A) LI-[HTTP', HTTPS', FTP', ONS'] Lz=[80,443,21,53] d= {K:V for (K,V) in Zip (L, Lz)} Print (d) (2 = = x) dz={} for i in range (lalli); dz[4Ei]}=lzEi] 0 Print(d) { HITTP: 80, HTTPS: 443, FTP: 21, 'ONS' 153} - في الطريقة (١/وي فينا بالعرام الناع الرالد و إلى الن قوم بدي will (d) dictionary Il ceres lie las, Eigenson of plus etal and por sale plantes Mold a gold ist a fetal acup d'in Lz la is sell in plat de Zip ما عن العرقة النائدة في العرف المانية العرب العر Is even les of belles i wed find of (Gel) reiseld Keys Il File le plie of (L, Fige ell de World as up & cos Values acres cosir Le modell



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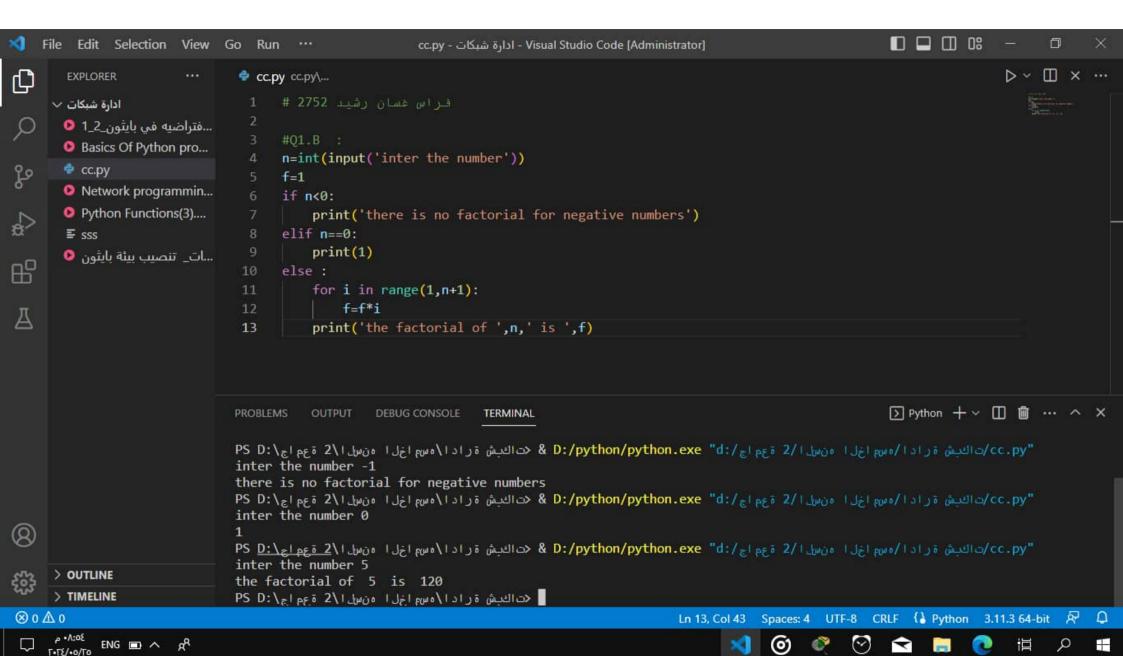
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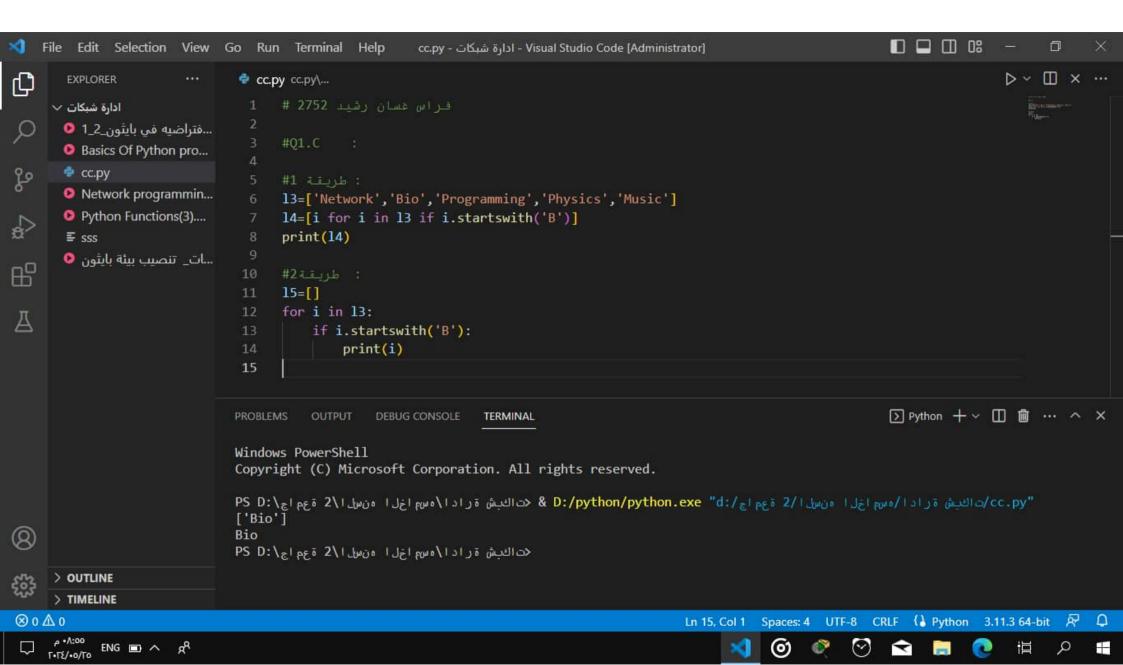
Question 1: B) n=int (ipport (inter the number)) print ('there is no factorial for negative numbers')

Print (1) ifneoi elif n==01 print (1) else;
for i in range (1, n+1);
print ('the factorial of', n,' is', f) inter the number -1 scill-there is no factorial for negative numbers. - juter the number o inter the number 5 the factorial of 5 is 120 A is chart will input etil plan I lie of Illipie of B اوكالا المنافع والتابع لمها الذي مون حول العقمة للرفلة لعدد ممين مون على التاع ع الله عالم الله على القدة المرفلة من قبل

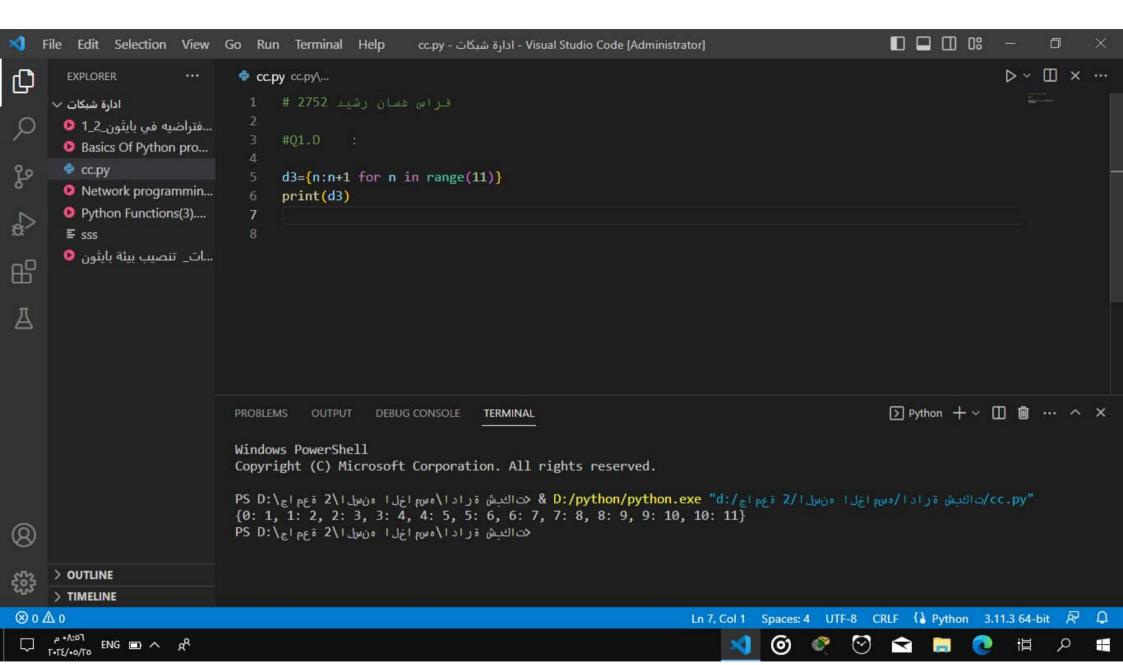


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	13-1 Network, Bio, Programming, Physics, Music]
	1=11 10(1 in 13 (1 1) tarts with (15)
1	P(int(Ls)
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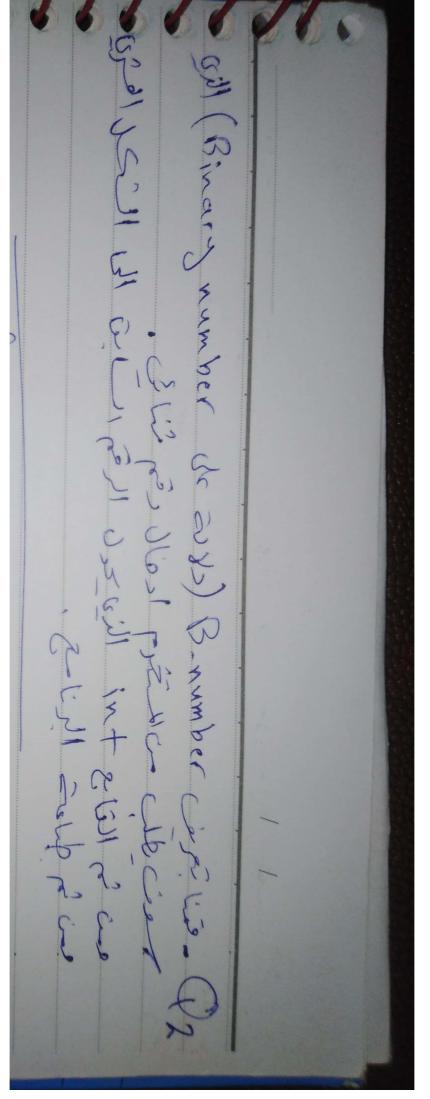
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Est, 12, 2:3, 3:4, 4:5, 5:6, 6:17, 78:8, 8:19, 9:10, 10:118
print(dg) for min rarege(m)?
Bio Bio



the decimal of folliss:
B-number = input ("inter the binary number: Print ("the decimal of Bonumber, 2) Print ("the decimal of Bonumber, 1's;" "D-number)



```
pang.pang > 🕏 appp.py > ...
      B_number=input("inter the binary number: ")
      D number=int(B number,2)
      print("the decimal of ",B_number, "is: ",D_number)
PROBLEMS
          OUTPUT
                  DEBUG CONSOLE
                                 TERMINAL
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
PS D: اقع اع 2\pang.pang> & D:/python/python.exe "d:/قاع 2/pang.pang/appp.py"
inter the binary number: 1011
the decimal of 1011 is: 11
PS D:\چاع\pang.pang>
```

Q3: import Json questions = { } Scores=0 Number -1 P: Open ("D Night /2 soco/questions, json", ") questions-json. (sad(f) + T print (python quit programm") T name = input (Enter your full have) T Print (Enter 't' for True or 'f' Ror False') for Qin questions Keys ()1 + print (" Question, number ", Q) ans = input (the aswer is: ") if ans = = questions[Q]: Scare = Score +A Print ("correct"). print ("Wrong") humber = mumber +1 result: [name: scores] m= open("score. text," w") result = sson. dump (result, m) m-chose()

```
🕏 Q3.py > ...
      import json
      questions = { }
      scores = 0
      number=1
 4
     questions.json",'r') جامعة 2\بايثون\\questions.json
 5
 6
      questions = ison.load(f)
      f.close()
 7
      print("python quiz programm")
      name = input("Enter your full name: ")
10
      print("Enter 't' for True or 'f' for False")
11
12
13
      for 0 in questions.keys():
14
          print("Question", number, ": ", Q)
          ans = input("The answer is ")
15
16
          if ans == questions[Q]:
17
              scores = scores + 1
18
              print("Correct ")
          else:
19
20
              print ("Wrong")
          number = number + 1
21
22
```

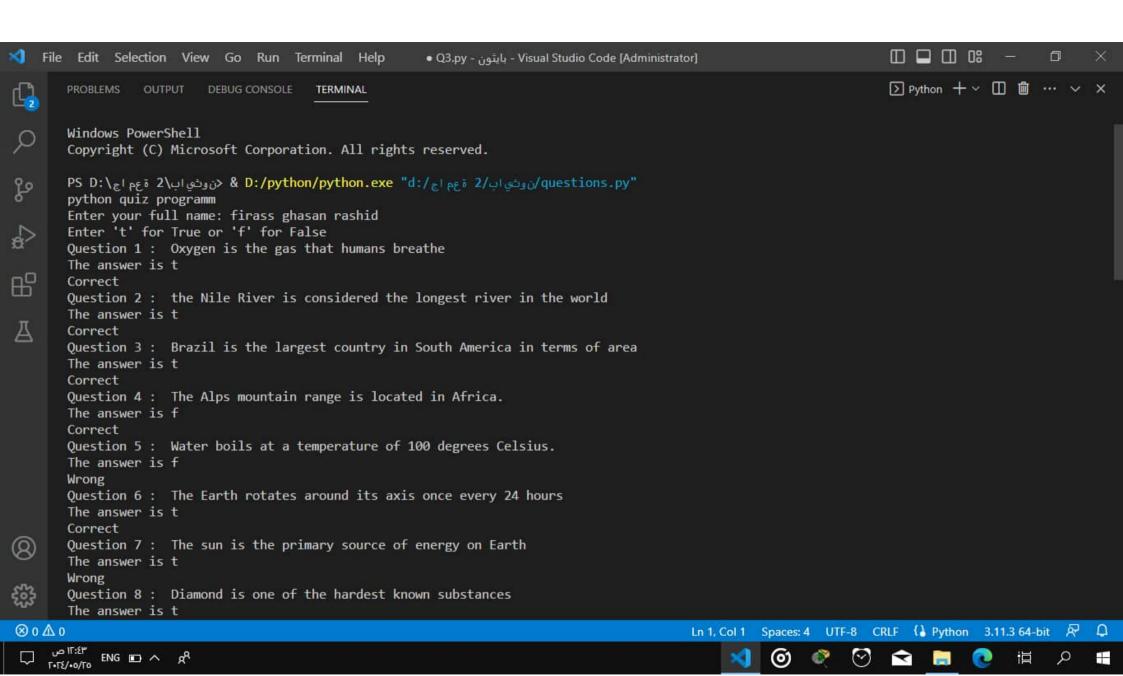
```
number = number + 1

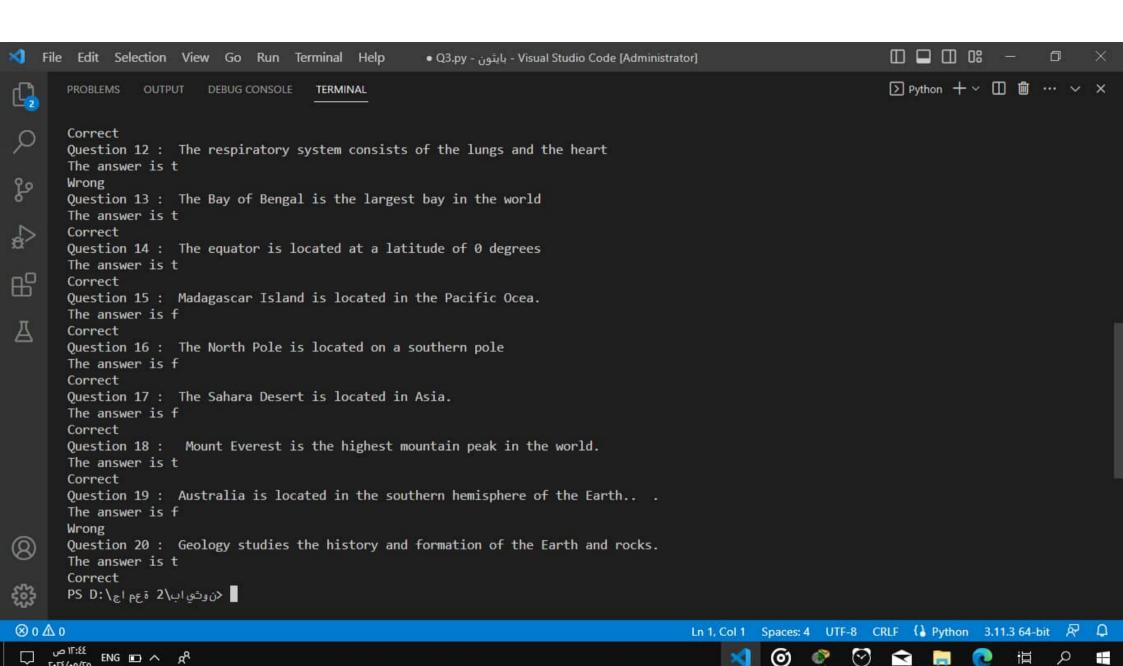
result={name:scores}

m = open("score.txt",'w')

result = json.dump(result,m)

m.close()
```



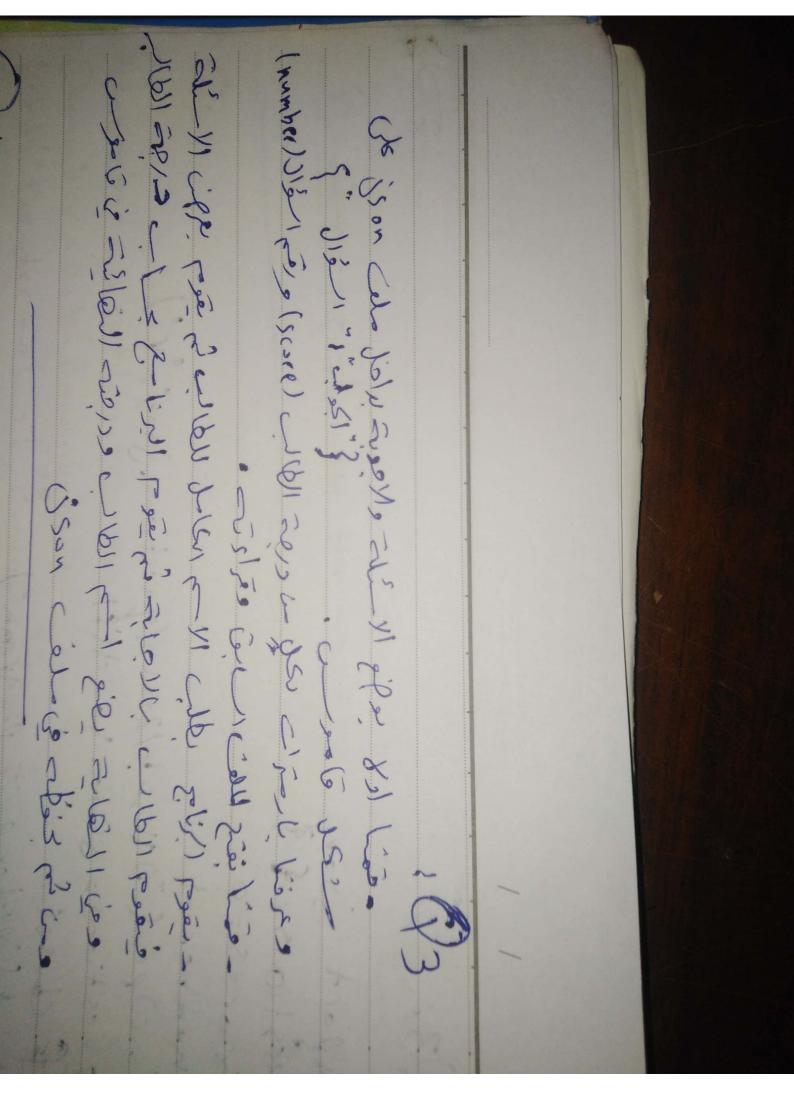


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score 🗐 - المفكرة

ملف تحرير تنسيق عرض تعليمات

{firass ghasan rashid": 16"}



print (minus chip")	4 %
e Commence of the commence of	9
*	nua
del withdraw (sell, amount);	
redurn self-balance	
seif. balance = + amount	
deh deposit(selh, amount)?	
self, balance-balance	
seil account holder account holder	
self account numbers account number	
balance = 0,0)	
de l'-init (Seil, account number, account hoiair)	
Class Bank Account:	

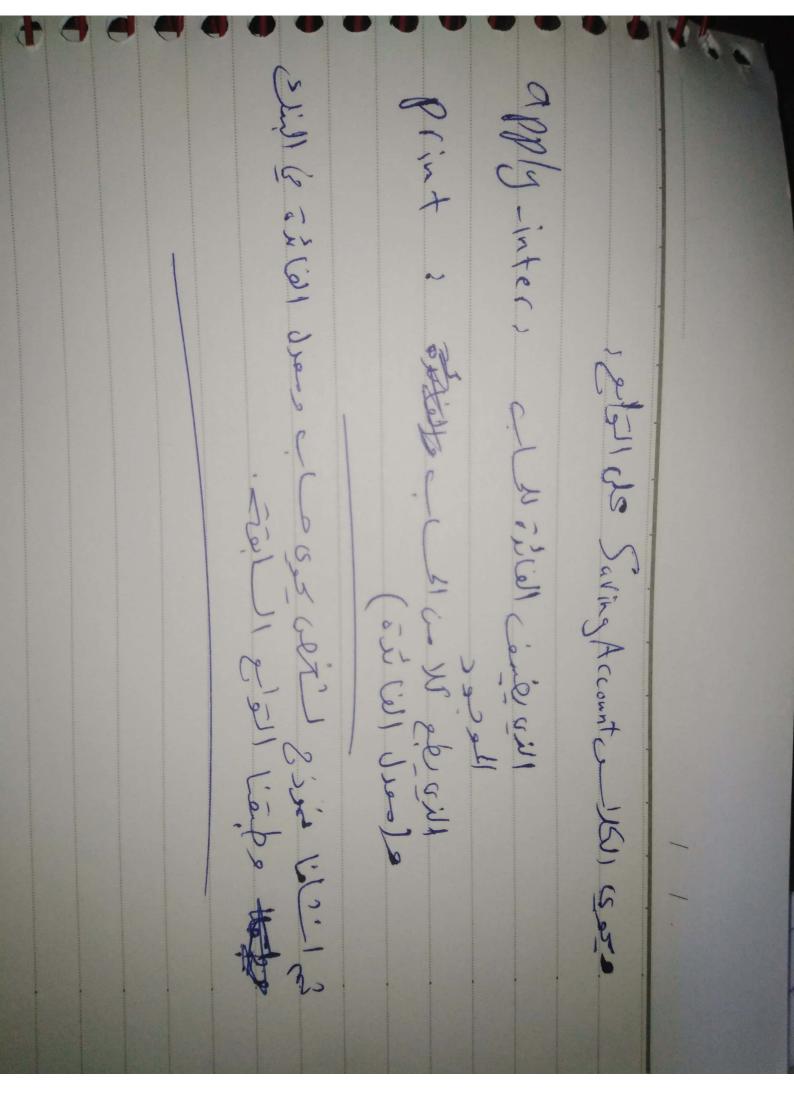
del get-balance(self): return self-balance. Account1 = Bank Account (2752", "Firmss rashed") Accounts deposit (loss)

print ("the balance after added this deposit is."

Account d. get-balance()) Account 1. Withdraw (500)

print ("the balance after withdrawal is 1" Account 1. get_
balance()) Class Saving Account (Bank Account): def_init_-laccount-number, account-holder, interest - rate) superl. - inst -- laccount-humber, self-interset-vate-interest-vate de l'apply-interset (sell); juteramount = self. butance + self. Interset-rate · self.dopsit (inter-amount) det print(self); print ("the last balance is " self get balances print ("interest. rate is ", spif. interset wate)

S-Account = Saving Account ("25468", ahmad, 0.03) 5 Account = apply-inter() 5-Account. print() and circulated Bank Account and class cing وع الى اب د مم مامنه اى ب دالمان (ابدانا ٥٠٥) و دوي الكال على الوابع الاسته ا - deposité élul lite co res (s'il · milplace of - Withdraw 1 ms (will shall is now 1 cub, 2 ds 629 مع اما المبلغ المواد الحرب الهمية من الحاب بالتالي كان . مع العراد الحرب الركب بالتالي كان . - get-balance: is sold elil ac re vill -الله عودي المعروب المعروب المعروب المرابع الم cilcell W 37 chapit is (Saving Account) in a world will a الكلاس الله (الاساس) والانام والان فيه ALADID



```
Q_4.py\بايثون Q_4.py
     class BankAccount:
         def init (self,account number,account holder,balance=0.0):
 2
              self.account number=account number
              self.account holder=account holder
 4
              self.balance=balance
         def deposit(self,amount):
              self.balance+=amount
              return self.balance
10
11
         def withdraw(self,amount)
             if self.balance>=amount:
12
13
                    self.balance-=amount
14
                    return self.balance
15
16
              else :
17
18
                   print("miuns chip")
19
20
         def get balance(self):
               return self.balance
21
22
     Account1 =BankAccount("2752", "firass rashid")
23
24
     Account1.deposit(1000)
25
26
     print("the balance after added this deposit is : ",Account1.get_balance())
27
```

```
(Q_4.py ایثون (Q_4.py \ ك BankAccount \ ك withdraw
   Account1 =BankAccount("2752", "firass rashid")
   Account1.deposit(1000)
   print("the balance after added this deposit is : ",Account1.get balance())
   Account1.withdraw(500)
   print("the balance after withdrawal is : ",Account1.get balance())
   class SavingAccount(BankAccount):
        def init (self,account number,account holder,interest rate):
              super(). init (account number, account holder)
             self.interest rate=interest rate
        def apply inter(self):
             inter amount=self.balance*self.interest rate
             self.deposit(inter amount)
        def print(self):
             print("the last balance is :",self.get balance)
             print("interest rate is : ",self.interest rate)
   S Account=SavingAccount("25468", "ahmad", 0.03)
   S Account.apply inter()
   S Account.print()
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS D:\وا وقع الله 2> & D:/python/python.exe "d:/وا وقع اله 2/نونواب (Q_4.py")

the balance after added this deposit is: 1000.0

the balance after withdrawal is: 500.0

the last balance is: <bound method BankAccount.get_balance of <__main__.SavingAccount objectinterest rate is: 0.03

PS D:\eleft | PE i 2>
```