



Using Google Co-LAB for Python Lab

```
class Atm:
    amount=100000
    pswd='1234'
    def Authentication(self):
        self.x=input("Enter your pin number")
        if(self.x==Atm.pswd):
            print("Welcome user")
            self.menu()
        else:
            print("wrong pin")

    def menu(self):
        print("Choose your option")
        x=input("1.Deposit 2.withdraw 3.Balance enquiry 4.Quit")
        if(x=='1'):
            self.deposit()
        if(x=='2'):
            self.withdraw()
        if(x=='3'):
            self.enquiry()
        if(x=='4'):
            print("Thank you for making transaction")

    def deposit(self):
        amt=int(input("Enter amount to deposit"))
        Atm.amount+=amt
        print("Deposit successfull")
        self.menu()

    def withdraw(self):
        amt=int(input("Enter amount to withdraw"))
        if(amt>Atm.amount):
```



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The screenshot shows a Google Colab notebook interface. The browser address bar displays the URL: <https://colab.research.google.com/drive/1XfxpUx2-7FpNXffZHLpawudkR-6bfRB>. The notebook title is "ATM.ipynb". The menu bar includes "File", "Edit", "View", "Insert", "Runtime", "Tools", and "Help". On the right, there are options for "Comment", "Share", and a trash icon. Below the menu, there are controls for "+ Code", "+ Text", RAM usage, Disk usage, and an "Editing" mode indicator.

```
def withdraw(self):
    amt=int(input("Enter amount to withdraw"))
    if(amt>Atm.amount):
        print("Insufficient funds")
        return
    Atm.amount-=amt
    print("Collect your cash")
    self.menu()

def enquiry(self):
    print("your current balance is:",Atm.amount)
    self.menu()

a=Atm()
a.Authentication()
```

... Enter your pin number1234
Welcome user
Choose your option
1.Deposit 2.withdraw 3.Balance enquiry 4.Quit1
Enter amount to deposit10000
Deposit successfull
Choose your option
1.Deposit 2.withdraw 3.Balance enquiry 4.Quit3
your current balance is: 110000
Choose your option
1.Deposit 2.withdraw 3.Balance enquiry 4.Quit