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class BankAccount:

    def __init__(self,account_number,balance):
        self.__account_number=account_number
        self.__balance=balance

    def deposit(self,amount):
        if amount>0:
            self.__balance+=amount
            print(amount,"Deposited successfully...!")
            print("Balance amount is",self.__balance)
        else:
            print("Depositing amount must be greater than zero.....")

    def withdraw(self,amount):
        if amount>0 and amount<=self.__balance:
            self.balance-=amount
            print(amount,"Withdrawn successfully...!")
            print("Balance amount is",self.__balance)
        else:
            print("Withdrawing amount must be greater than zero and less than or equal to balance.....")

    def rate(self,rate):
        if rate>0:
            intrest=self.__balance*(rate/100)
            self.__balance+=intrest
            print("Intrest of",intrest,"added to your account.....")
            print("Balance amount is",self.__balance)

    def get_details(self):
        print("Account Details")
        print("Account Number:",self.__account_number)
        print("Balance:",self.__balance)

while True:
    account_number=input("Enter your 14 digit account number:")

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if len(account_number)==14 and account_number.isdigit():
    break
else:
    print("Invalid account number. Please enter exactly 14 digits.")
balance=0
acc=BankAccount(account_number,balance)

while True:
    print("1.Deposit\n2.Withdraw\n3.Add Interest\n4.View Details\n5.Exit")
    choice=int(input("Enter a choice:"))
    if choice==1:
        amount=float(input("Enter amount to deposit:"))
        acc.deposit(amount)
    elif choice==2:
        amount=float(input("Enter amount to withdraw: "))
        acc.withdraw(amount)
    elif choice==3:
        rate=float(input("Enter interest rate: "))
        acc.rate(rate)
    elif choice==4:
        acc.get_details()
    elif choice==5:
        print("Existing.....")
        break
    else:
        print("Invalid choice. Please try again.")
```