

```
bank_accounts={}

def create_account():
    acc_number=input("enter account number:")
    if acc_number in bank_accounts:
        print("account already exists")
    else:
        name=input("Enter Account Holder Name:")

    bank_accounts[acc_number]={"name":name,'balance':0}

    print(f"account created for {name} with
account number {acc_number}")

    print(bank_accounts)

def deposit():
    acc_number=input("Enter account number:")
    if acc_number in bank_accounts:
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    amount=float(input("Enter amount to  
deposit:"))
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    if amount>0:
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        bank_accounts[acc_number]["balance"]+=amount
```

```
        print(f"deposited {amount}.Current  
Balance:{bank_accounts[acc_number]['balance']}")
```

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    else:
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```
        print("invalid deposit amount")
```

```
else:
```

```
    print("account not found")
```

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def Withdraw():
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    acc_number=input("Enter account number:")
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    if acc_number in bank_accounts:
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```
        amount=float(input("Enter amount to  
withdraw:"))
```

```
    if
0<amount<=bank_accounts[acc_number]["balance"
]:

bank_accounts[acc_number]["balance"]-=amount
    print(f"withdrawn {amount}.Remaining
Balance:{bank_accounts[acc_number]['balance']}")
    else:
        print("insufficient balance")
    else:
        print("Account not found")
def check_balance():
    acc_number=input("Enter account number:")
    if acc_number in bank_accounts:
        print(f" Account
Holder:{bank_accounts[acc_number]['name']}")
```

```
        print(f"Current
Balance:{bank_accounts[acc_number]['balance']}")

    else:

        print("Account not found")

def main():

    while True:

        print("\n---Bank Menu---")

        print("1.create account")

        print("2.deposit amount")

        print("3.withdraw amount")

        print("4.check balance")

        print("5.Exit")

        choice=input("Enter your choice:")

        if choice=='1':

            create_account()

        elif choice=='2':
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```
        deposit()
    elif choice=='3':
        Withdraw()
    elif choice=='4':
        check_balance()
    elif choice=='5':
        print("Thank you for using bank Application-
visit again")
        break;
main()
```