ATM SAMPLES

CODE:

**import** sys

*# account balance*

account\_balance = float(500.25)

*#Print the balance*

**def** printbalance():

print(**"Your current balance : %.2f"** % account\_balance)

*#the function for deposit*

**def** deposit():

deposit\_amount = float(input(**"Enter amount to deposit : "**))

balance = account\_balance + deposit\_amount

print(**"Deposit was $%.2f, current balance is $%.2f"** %(deposit\_amount,balance))

*#function for withdraw*

**def** withdraw():

withdraw\_amount = float(input(**"Enter amount to withdraw : "**))

**if**(withdraw\_amount > account\_balance):

print(**"$%.2f is greater than account balance $%.2f\n"** %(withdraw\_amount,account\_balance))

**else**:

balance = account\_balance - withdraw\_amount

print(**"$%.2f was withdrawn, current balance is $%.2f"** % (withdraw\_amount, balance))

*#User Input goes here, use if/else conditional statement to call function based on user input*

**while**(1):

userchoice = input(**"What would you like to do?\n"**)

**if** (userchoice == **'D'**):

deposit()

**elif** userchoice == **'W'**:

withdraw()

**elif** userchoice == **'B'**:

printbalance()

**else**:

print(**"Thank You for banking with us.\n"**)

sys.exit()

# Create a function named 'account\_balance'  
# This function is used to print the account balance.  
def account\_balance(acc\_balance):     
    print("Your current balance: $%.2f" %acc\_balance)

# Create a function named 'deposit\_amount'  
# This function is used to calcuate the deposit  
# amount and display the final balance.  
def deposit\_amount(acc\_balance):  
    deposit\_amount = float(input("How much would you like to deposit? "))  
    balance = acc\_balance + deposit\_amount  
    print("Deposit amount was $%.2f, current balance is $%.2f" % (deposit\_amount, balance))

# Create a function named 'withdrawal\_amount'  
# This function is used to withdrawal amount from the  
# main balance and displays the final balance.  
def withdrawal\_amount(acc\_balance):  
    withdraw\_amount = float(input("How much would you like to withdraw? "))  
    if withdraw\_amount > acc\_balance:  
        print("$%.2f is greater that your account balance of $%.2f" % (withdraw\_amount, acc\_balance))  
    else:  
        balance = acc\_balance - withdraw\_amount  
        print("Withdrawal amount was $%.2f, your current balance is $%.2f" % (withdraw\_amount, balance))

# Opening balance  
acc\_balance = float(500.25)  
userchoice = input ("What would you like to do?\n")

# Create an 'if' statement to check the user input.  
if (userchoice == 'D'):  
    deposit\_amount(acc\_balance)  
elif (userchoice == 'W'):  
    withdrawal\_amount(acc\_balance)  
elif (userchoice == 'B'):  
    account\_balance(acc\_balance)  
else:  
    print('Invalid Input!')