**PROGRAM:**

x = float(input("Enter the 1st number:"))

y = float(input("Enter the 2nd number:"))

temp = x

x = y

y = temp

print('The value of y after swapping: {}'.format(y))

print('The value of x after swapping: {}'.format(x))

if x > 0:

print("Positive number")

elif x == 0:

print("Zero")

else:

print("Negative number")

if y > 0:

print("Positive number")

elif y == 0:

print("Negative number")

else:

print("Zero")

**OUTPUT**

