**Scenario Based Set-2**

1. if amount > 0:

print("Transaction is Positive (Deposit)")

elif amount < 0:

print("Transaction is Negative (Withdrawal)")

else:

print("Transaction is Zero (No transaction)")

1. digit\_sum = 0

for digit in str(passcode):

digit\_sum += int(digit)

1. reverse\_id = 0

num = transaction\_id

while num > 0:

digit = num % 10

reverse\_id = reverse\_id \* 10 + digit

num //= 10

1. if user\_id > 1:

for i in range(2, int(user\_id \*\* 0.5) + 1):

if user\_id % i == 0:

print("User ID is NOT Prime")

break

else:

print("User ID is Prime")

else:

print("User ID is NOT Prime")

1. def factorial(n):

if n == 0 or n == 1:

return 1

else:

return n \* factorial(n - 1)

1. num\_str = str(num)

power = len(num\_str)

armstrong\_sum = sum(int(digit) \*\* power for digit in num\_str)

if num == armstrong\_sum:

print(num, "is an Armstrong number (Jackpot Winner!)")

else:

print(num, "is NOT an Armstrong number")

1. if len(password) > 1:

new\_password = password[-1] + password[1:-1] + password[0]

else:

new\_password = password

1. binary = bin(decimal)[2:]
2. words = sentence.split()

longest\_word = max(words, key=len)

1. str1 = str1.replace(" ", "").lower()

str2 = str2.replace(" ", "").lower()

if sorted(str1) == sorted(str2):

print("The strings are Anagrams")

else:

print("The strings are NOT Anagrams")