**EXPERIMENT NO-13**

**OBJECTIVE-** implement a program to find additive inverse of Zn

**SOURCE CODE-**

def findPair(A, sum):

    # consider each element except the last

    for i in range(len(A) - 1):

        # start from the i'th element until the last element

        for j in range(i + 1, len(A)):

            # if the desired sum is found, print it

            if A[i] + A[j] == sum:

                print("Pair found", (A[i], A[j]))

                return

    # No pair with the given sum exists in the list

    print("Pair not found")

if \_\_name\_\_ == '\_\_main\_\_':

    A = [8, 7, 2, 5, 3, 1]

    sum = 10

    findPair(A, sum)

**OUTPUT-**

e (0, 0), (1, 9), (2, 8), (3, 7),

(4, 6), (5, 5), (6, 4), (7, 3) (8, 2), (9, 1).

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