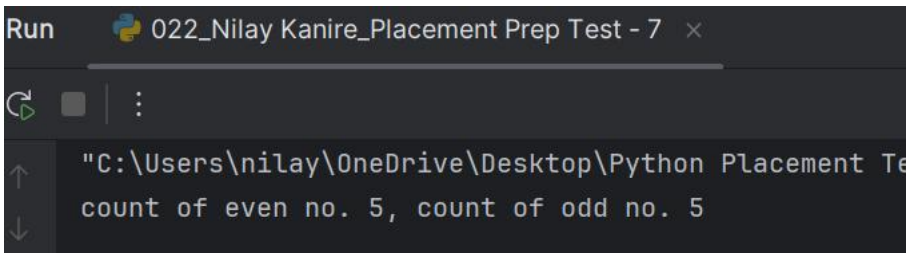
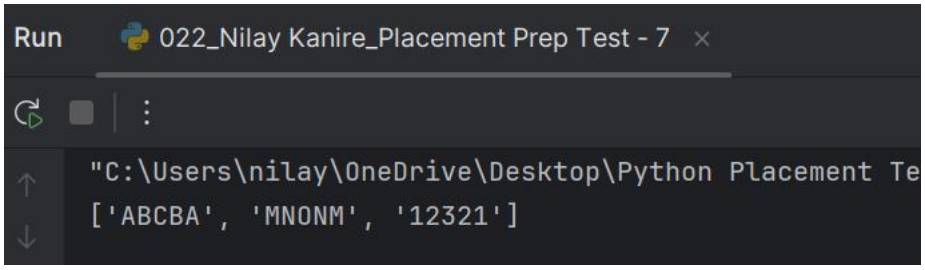
```
# Q.1) Write a Python program to count the even, odd numbers in a given array of integers using
# Lambda.

list1 = [1,2,3,4,5,6,7,8,9,10]
even_cnt =  len(list(filter(lambda x : x%2==0, list1)))
odd_cnt = len(list(filter(lambda y: y%2!=0, list1)))
print(f"count of even no. {even_cnt}, count of odd no. {odd_cnt}")
```




```
# Q.2) Write a Python program to find palindromes in a given list of strings using Lambda.

str1 = ["Nilay", "Kanire", "ABCBA", "MNONM", "12321", "OK"]

palindrome = lambda x: [ i for i in str1 if i == i[::-1]]
print(palindrome(str1))
```

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# Q.3) Solve the following pattern using one loop only: accept no. of rows from user.
# 1
# 121
# 12321
# 1234321
```

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# Q.4) Write a Python program to convert a byte string to a list of integers.
# Sample Input:
# “hello”
# Sample Output:
# [104, 101, 108, 108, 111]
byte_string = b"hello"
print(list(byte_string))
```