

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

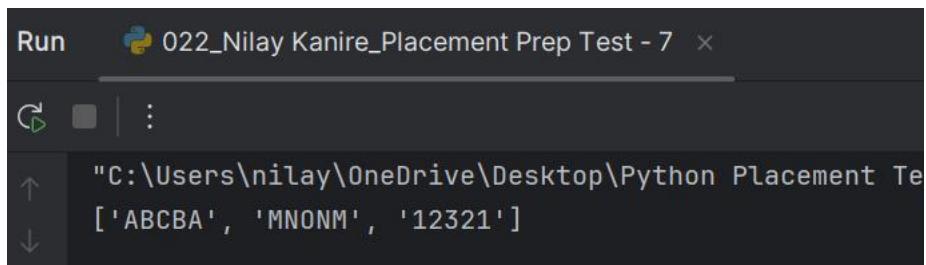
```
list1 = [1,2,3,4,5,6,7,8,9,10]  
even_cnt = len(list(filter(lambda x : x%2==0, list1)))  
odd_cnt = len(list(filter(lambda y: y%2!=0, list1)))  
print(f"count of even no. {even_cnt}, count of odd  
no. {odd_cnt}")
```

The screenshot shows a code editor window titled "Run 022_Nilay_Kanire_Placement Prep Test - 7". The code in the editor is identical to the one above. The output pane below the editor shows the printed result: "count of even no. 5, count of odd no. 5".

```
# 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))
```



```
"C:\Users\nilay\OneDrive\Desktop\Python Placement Te
['ABCBA', 'MNONM', '12321']
```

Q.3) Solve the following pattern using one loop
only: accept no. of rows from user.

```
# 1
# 121
# 12321
# 1234321
```

Q.4) Write a Python program to convert a byte
string to a list of integers.

Sample Input:

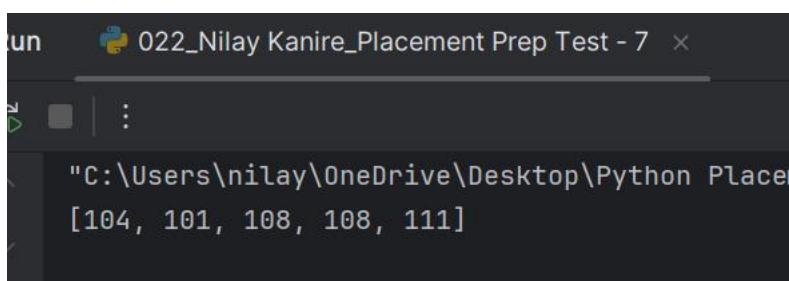
```
# "hello"
```

Sample Output:

```
# [104, 101, 108, 108, 111]
```

```
byte_string = b"hello"
```

```
print(list(byte_string))
```



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"C:\Users\nilay\OneDrive\Desktop\Python Place
[104, 101, 108, 108, 111]
```