

## Лабораторная работа №3 Пользовательские функции.

Вариант 3

Код:

```
import random;

def func(e):
    list = []
    for i in range(e):
        if i % 3 == 0 and i % 5 != 0:
            list.append(i)
    for i in range(len(list)):
        print(list[i], end = ' ')

def sum(num):
    sum = 0
    while (num != 0):
        sum = sum + num % 10
        num = num // 10
    return sum

def function(list):
    result = []
    for i in range(len(list)):
        if sum(list[i]) % 2 == 0:
            result.append(list[i])
    return len(result)

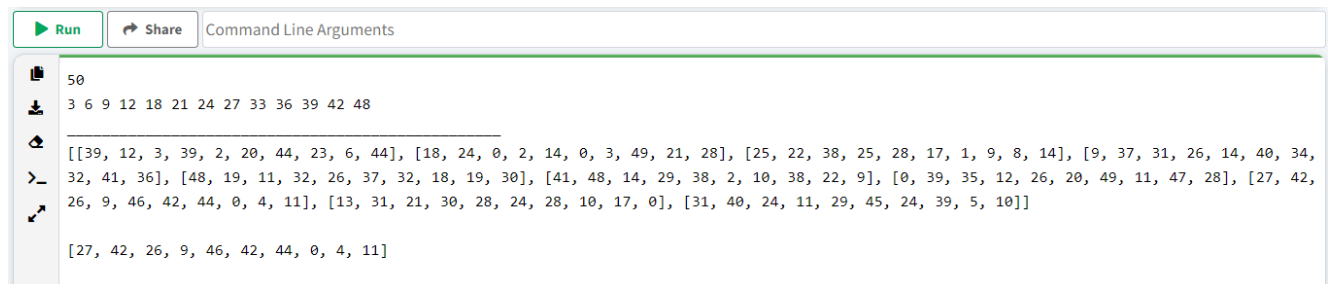
n = int(input())
func(n)
print('')
for i in range(50):
    print('_', end = '')
print('')
mas = []
```

```

for i in range(10):
    mas.append([random.randint(0,50) for _ in range(10)])
print(mas)
value = 0;
max = function(mas[0])
print(' ')
for i in range(1, 10):
    if (function(mas[i]) > max):
        value = i
print(mas[value])

```

Скриншот работы программы:



The screenshot shows a code execution interface with a 'Run' button and a 'Share' button. The output is displayed in a text area with a vertical scrollbar. The output consists of three lines:

```

50
3 6 9 12 18 21 24 27 33 36 39 42 48
[[39, 12, 3, 39, 2, 20, 44, 23, 6, 44], [18, 24, 0, 2, 14, 0, 3, 49, 21, 28], [25, 22, 38, 25, 28, 17, 1, 9, 8, 14], [9, 37, 31, 26, 14, 40, 34, 32, 41, 36], [48, 19, 11, 32, 26, 37, 32, 18, 19, 30], [41, 48, 14, 29, 38, 2, 10, 38, 22, 9], [0, 39, 35, 12, 26, 20, 49, 11, 47, 28], [27, 42, 26, 9, 46, 42, 44, 0, 4, 11], [13, 31, 21, 30, 28, 24, 28, 10, 17, 0], [31, 40, 24, 11, 29, 45, 24, 39, 5, 10]]
[27, 42, 26, 9, 46, 42, 44, 0, 4, 11]

```