

1 – masala

```
1masala.py X
1masala.py > ...
1 import os
2 os.system("cls")
3
4 son = int(input("Son kiriting:(0 < x < 10000)  "))
5 ls = ['', 'bir', 'ikki', 'uch', 'tort', 'besh', 'olti', 'yetti',
6 ls1 = ['', 'on', 'yigirma', 'ottiz', 'qirq', 'ellik', 'oltmish',
7 ls2 = ['', 'yuz', 'ming']
8 ls3 = list()
9 if son // 1000 > 0:
10     ls3.append(ls[son // 1000])
11     ls3.append(ls2[2])
12 if (son % 1000) // 100 > 0:
13     ls3.append(ls[(son % 1000) // 100])
14     ls3.append(ls2[1])
15 if (son % 100) // 10 > 0:
16     ls3.append(ls1[(son % 100) // 10])
17 if son % 10 > 0:
18     ls3.append(ls[son % 10])
19
20 print(' '.join(ls3))
21
```

PROBLEMS TERMINAL ... Code + - - - - -

Son kiriting:(0 < x < 10000) 1230
bir ming ikki yuz ottiz
PS C:\Users\PRO_USER\.vscode\vscode\homework>

2 – masala

```
2masala.py X
2masala.py > IKKILIK
1 import os
2 os.system("cls")
3
4 def IKKILIK(son):
5     ls = []
6     while son != 0:
7         ls.append(son % 2)
8         son //= 2
9     ls.reverse()
10    print(' '.join(str(x) for x in ls))
11
12 son = int(input("N:  "))
13 IKKILIK(son)
14
```

PROBLEMS TERMINAL ... Code + - - - - -

N: 25
11001
PS C:\Users\PRO_USER\.vscode\vscode\homework>

3 – masala

```
3masala.py X
3masala.py > ...
1 import os
2 os.system("cls")
3
4 n = input("Harf:  ")
5 if ord(n) == 98 or ord(n) == 99 or ord(n) == 101:
6     print("a")
7 elif ord(n) == 97 or ord(n) >= 100 and ord(n) <= 103 or ord(n) =
8     print("e")
9 elif ord(n) >= 104 and ord(n) <= 108 or ord(n) == 111:
10    print("i")
11 elif ord(n) >= 109 and ord(n) <= 114 or ord(n) == 117:
12    print("o")
13 elif ord(n) >= 115 and ord(n) <= 122:
14    print("u")
15
```

PROBLEMS TERMINAL ... Code + - - - - -

Harf: 1
i
PS C:\Users\PRO_USER\.vscode\vscode\homework>

4 – masala

```
4masala.py X
1 import os
2 os.system("cls")
3
4 ls = list(map(int, input("N: ").split()))
5 print(ls)
6
7 ls1 = list(map(lambda x: x ** 2, ls))
8 print(ls1)
9
10
```

PROBLEMS TERMINAL ... Code + - - - - - < X

N: 1 2 3 4 5 6 7 8 9 10
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
[1, 4, 9, 16, 25, 36, 49, 64, 81, 100]
PS C:\Users\PRO_USER\.vscode\vscode\homework>

5 – masala

```
5masala.py X
1 import os
2 os.system("cls")
3
4 ls = list(map(int, input("N: ").split()))
5 ls1 = list(filter(lambda x: x % 2 != 0, ls))
6 ls2 = list(filter(lambda x: x % 2 == 0, ls))
7 print("Toqlar: ", ls1, "\n", "Juftlar: ", ls2)
8
```

PROBLEMS TERMINAL ... Code + - - - - - < X

N: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Toqlar: [1, 3, 5, 7, 9, 11, 13, 15, 17, 19]
Juftlar: [2, 4, 6, 8, 10, 12, 14, 16, 18, 20]
PS C:\Users\PRO_USER\.vscode\vscode\homework>

6 – masala

```
6masala.py X
1 import os
2 os.system("cls")
3
4 ls = ['anvar', 'Aziz', 'Aziza', 'Madina', 'Anora', 'Azima', 'Adh']
5 print(ls)
6 ls1 = list(filter(lambda x: x[0] == 'A' and x[-1] == 'a', ls))
7 print(ls1)
```

PROBLEMS TERMINAL ... Code + - - - - - < X

['anvar', 'Aziz', 'Aziza', 'Madina', 'Anora', 'Azima', 'Adh']
['Adham', 'Akmal', 'Salohiddin']
['Aziza', 'Anora', 'Azima']
PS C:\Users\PRO_USER\.vscode\vscode\homework>