1.

```
from random import randint
Mas1 = [randint(2,32) for i in range(10)]
Mas2 = [i for i in Mas1 if (i%2)==0 and i>10]
print(*Mas1,'\n',*Mas2)
```

```
================== RESTART: C:\Users\ACER\Desktop\лр9\9_1.py ==================
21 24 15 12 12 14 3 25 25 31
 24 12 12 14
>>>
```

2.

```
from random import randint
n = randint(7,16)
A = [randint(-17,17) for i in range(n)]
print(*A)
print('Зворотній:',A[::-1])
print('Непарні індекси:',[x for x in A if (A.index(x)%2)!=0])
print('Менше нуля:',[x for x in A if x<0])
```

```
================== RESTART: C:\Users\ACER\Desktop\лр9\9_2.py ==================
-6 4 6 -3 -1 10 -6 -3 15 -7 -7
Зворотній: [-7, -7, 15, -3, -6, 10, -1, -3, 6, 4, -6]
Непарні індекси: [4, -3, 10, -3, -7, -7]
Менше нуля: [-6, -3, -1, -6, -3, -7, -7]
>>>
```

3.

```
from random import randint
arr = []
arr = [randint(-5,4) for i in range(20)]
print(*arr)
print('Позитивних значень:',len([x for x in arr if x>0]))
print('Нульових значень:',len([x for x in arr if x==0]))
```

```
================== RESTART: C:\Users\ACER\Desktop\лр9\9_3.py ==================
-1 -2 1 0 4 3 0 0 1 4 1 -2 -3 -2 2 1 2 3 3 0
Позитивних значень: 11
Нульових значень: 4
>>>
```

Ln: 18 Col: 4

4.

```
from random import randint
n = int(input('N:'))
arr = [randint(0,100) for i in range(n)]
m = arr[0]
for x in [y for y in arr if (arr.index(y)%2)!=0]:
    if x > m:
        m = x
print(*arr)
print('max =',m)
```

Ln: 1 Col: 0

```
================== RESTART: C:\Users\ACER\Desktop\лр9\9_4.py ==================
N:12
58 42 19 37 6 10 84 41 21 17 64 87
max = 87
>>>
```

Ln: 23 Col: 4

5.

```
from random import randint
n = int(input('N:'))
a = [randint(0,200) for i in range(n)]
s = 0
for i in a:
    s += sum([int(x) for x in str(i)])
print(*a)
print('sum = ',s)
```

Ln: 1 Col: 0

```
================== RESTART: C:\Users\ACER\Desktop\лр9\9_5.py ==================
N:12
91 172 72 192 160 156 200 186 32 19 90 137
sum =  112
>>>
```

Ln: 8 Col: 4