

```
Data= [68, 71, 21, 68, 32, 80, 64, 52, 92, 97, 93, 37, 61, 62, 23, 81,
67, 84, 33, 41, 92, 51, 71, 52, 92,
43, 80, 74, 69, 92, 79, 78, 70, 31, 34, 79, 73, 77, 96, 87, 53, 47,
85, 58, 58, 87, 44, 29, 94, 23, 65, 49,
71, 57, 96, 74, 30, 65, 62, 85, 34, 21, 81, 79, 84, 87, 22, 45, 59,
91, 26, 22, 46, 71, 60, 21, 67, 21, 56,
38, 82, 95, 77, 55, 37, 61, 59, 89, 61, 75, 97, 72, 58, 23, 78, 20, 95,
67, 59, 56, 93, 82, 35, 78, 94, 67, 25,
95, 90, 80, 78, 73, 91, 52, 59, 96, 46, 94, 99, 78, 53, 40, 67, 76, 73,
46, 77, 40, 34, 38, 34, 42, 69, 86,
61, 76, 21, 90, 52, 65, 36, 93, 55, 86, 95, 65, 30, 89, 86, 20, 92, 46,
58, 75, 43, 57, 53, 42, 43, 37, 26, 90,
58, 31, 73, 71, 63, 70, 72, 78, 26, 39, 35, 58, 84, 56, 24, 73, 36, 75,
32, 35, 56, 87, 87, 73, 80, 78, 25, 61,
38, 94, 36, 90, 70, 65, 34, 61, 44, 85, 41, 50, 23, 34, 20, 87, 84, 30,
21, 84, 65, 85, 88, 73, 54, 47, 77,
41, 35, 71]
```

```
#odd numbers
for i in (Data):
    if(i%2!=0):
        print(i)
```

```
Data.count(i)
```

```
71
21
97
93
37
61
23
81
67
33
41
51
71
43
69
79
31
79
73
77
87
53
47
85
87
```

29  
23  
65  
49  
71  
57  
65  
85  
21  
81  
79  
87  
45  
59  
91  
71  
21  
67  
21  
95  
77  
55  
37  
61  
59  
89  
61  
75  
97  
23  
95  
67  
59  
93  
35  
67  
25  
95  
73  
91  
59  
99  
53  
67  
73  
77  
69  
61  
21

```
65
93
55
95
65
89
75
43
57
53
43
37
31
73
71
63
39
35
73
75
35
87
87
73
25
61
65
61
85
41
23
87
21
65
85
73
47
77
41
35
71
6
```

```
#even numbers
for i in (Data):
    if(i%3!=0):
        print(i)
Data.count(i)
```

68  
71  
68  
32  
80  
64  
52  
92  
97  
37  
61  
62  
23  
67  
41  
92  
71  
52  
92  
43  
80  
74  
92  
79  
70  
31  
34  
79  
73  
77  
53  
47  
85  
58  
58  
44  
29  
94  
23  
65  
49  
71  
74  
65  
62  
85  
34  
79  
22  
59

91  
26  
22  
46  
71  
67  
56  
38  
82  
95  
77  
55  
37  
61  
59  
89  
61  
97  
58  
23  
20  
95  
67  
59  
56  
82  
35  
94  
67  
25  
95  
80  
73  
91  
52  
59  
46  
94  
53  
40  
67  
76  
73  
46  
77  
40  
34  
38  
34  
86

61  
76  
52  
65  
55  
86  
95  
65  
89  
86  
20  
92  
46  
58  
43  
53  
43  
37  
26  
58  
31  
73  
71  
70  
26  
35  
58  
56  
73  
32  
35  
56  
73  
80  
25  
61  
38  
94  
70  
65  
34  
61  
44  
85  
41  
50  
23  
34  
20  
65

```
85
88
73
47
77
41
35
71

6
```

## average of odd numbers in given list

```
#total number of odd numbers in the given list
115

#count of odd numbers
6

#average of odd numbers is

average_odd=115/6
print(float(average_odd))

19.166666666666668
```

## third largest number in the given list is

```
96
```

## count of odd and even numbers in given list

```
#count of odd numbers

6

#count of even numbers

6
```