

```
import random
```

```
import math
```

```
N = 11
```

```
def init_random_list(list_size):
```

```
    list = []
```

```
    while list_size > 0:
```

```
        list.append(random.randint(-100, 100))
```

```
        list_size = list_size - 1
```

```
    return list
```

```
lst = init_random_list(N)
```

```
print("source array: ",lst)
```

```
sum = 0
```

```
positive_num = 0
```

```
for i in range (len(lst)):
```

```
    sum += lst[i]
```

```
    if lst[i] > 0:
```

```
        positive_num += 1
```

```
lst [0] = sum
```

```
lst [1] = positive_num
```

```
print("modified array:",lst)
```