

Problem – Print all the subsets of 3 elements

Input - List of n elements

Output – List of subsets of 3 elements

### Output

```
arr1 = [1,2,3,4]

r = 3
n = len(arr1)
getsubset(arr1, n, r)
```

```
1 2 3
1 2 4
1 3 4
2 3 4
```

```
arr2 = [7,3]

r = 3
n = len(arr2)
getsubset(arr2, n, r)
```

Subsets cannot be greater than superset

```
arr3 = [4,1,7,4,3,9,1,5]

r = 3
n = len(arr3)
getsubset(arr3, n, r)
```

```
4 1 7
4 1 4
4 1 3
4 1 9
4 1 1
4 1 5
4 7 4
4 7 3
4 7 9
4 7 1
4 7 5
4 4 3
4 4 9
4 4 1
4 4 5
4 3 9
4 3 1
4 3 5
4 9 1
4 9 5
4 1 5
1 7 4
1 7 3
1 7 9
1 7 1
1 7 5
1 4 3
1 4 9
1 4 1
1 4 5
1 3 9
1 3 1
1 3 5
1 9 1
1 9 5
1 1 5
7 4 3
7 4 9
7 4 1
7 4 5
7 3 9
7 3 1
7 3 5
7 9 1
7 9 5
7 1 5
4 3 9
4 3 1
4 3 5
4 9 1
4 9 5
4 1 5
3 9 1
3 9 5
3 1 5
9 1 5
```