

Generate Random Ascending Array (of Positive Numbers)

- a) *strict*
- b) *non strict*

a) 12 15 20 21 22 40 55 57

b) 12 15 15 15 20 20 21 22 40 40 55 57

every next number is the previous number + something positive

```
void get_rand_arr_less_100(int arr[], int length) {  
    arr[0] = rand() % 100;  
    for (int i = 1; i < length; i++) {  
        arr[i] = arr[i - 1] + rand() % 100 + 1;  
    }  
}
```

```
void get_rand_arr_less_100(int arr[], int length) {  
    arr[0] = rand() % 100; // this is cheating  
    for (int i = 1; i < length; i++) {  
        arr[i] = arr[i - 1] + rand() % 100;  
    }  
}
```

