

REPORT HW2

*When we enter one parameter in the console

*When we enter more than two parameter in the console

```
thiscat@Thiscat: ~/Masaüstü
File Edit View Search Terminal Help
thiscat@Thiscat:~/Masaüstü$ gcc taskQueue.c -o queue
thiscat@Thiscat:~/Masaüstü$ ./queue
We only need 2 arguments
thiscat@Thiscat:~/Masaüstü$ ./queue 5 7
We only need 2 arguments
thiscat@Thiscat:~/Masaüstü$
```

*When we keep our range of values small

Ex. ==> int rand_value = rand() % 5;

./queue 0

```
thiscat@Thiscat: ~/Masaüstü
File Edit View Search Terminal Help
thiscat@Thiscat:~/Masaüstü$ gcc taskQueue.c -o queue
thiscat@Thiscat:~/Masaüstü$ ./queue 0

*****

Generated 0 random list tasks...

*****

***** Final List *****

Empty List

*****
thiscat@Thiscat:~/Masaüstü$
```

./queue 1

```
*****
thiscat@Thiscat:~/Masaüstü$ ./queue 1
*****

Generated 1 random list tasks...

*****

Task 0 ~ Search 4 ==> 4 is not found.
***** Final List *****

Empty List

*****
thiscat@Thiscat:~/Masaüstü$
```

./ queue 10

```
thiscat@Thiscat: ~/Masaüstü
File Edit View Search Terminal Help
thiscat@Thiscat:~/Masaüstü$ gcc taskQueue.c -o queue
thiscat@Thiscat:~/Masaüstü$ ./queue 10
*****

Generated 10 random list tasks...

*****

Task 0 ~ Delete 2 ==> 2 cannot be deleted.
Task 1 ~ Delete 4 ==> 4 cannot be deleted.
Task 2 ~ Insert 2 ==> 2 inserted.
Task 3 ~ Delete 4 ==> 4 cannot be deleted.
Task 4 ~ Insert 2 ==> 2 cannot be inserted.
Task 5 ~ Insert 4 ==> 4 inserted.
Task 6 ~ Insert 1 ==> 1 inserted.
Task 7 ~ Delete 4 ==> 4 deleted.
Task 8 ~ Delete 4 ==> 4 cannot be deleted.
Task 9 ~ Insert 1 ==> 1 cannot be inserted.

***** Final List *****
1 2
*****
thiscat@Thiscat:~/Masaüstü$
```

***When we keep our range of values large**

Ex. ==> int rand_value = rand() % 50;

./ queue 10

```
*****
Generated 10 random list tasks...

*****

Task 0 ~ Delete 36 ==> 36 cannot be deleted.
Task 1 ~ Insert 16 ==> 16 inserted.
Task 2 ~ Insert 44 ==> 44 inserted.
Task 3 ~ Delete 25 ==> 25 cannot be deleted.
Task 4 ~ Search 15 ==> 15 is not found.
Task 5 ~ Delete 6 ==> 6 cannot be deleted.
Task 6 ~ Search 40 ==> 40 is not found.
Task 7 ~ Insert 40 ==> 40 inserted.
Task 8 ~ Search 31 ==> 31 is not found.
Task 9 ~ Search 39 ==> 39 is not found.

***** Final List *****
16 40 44
*****
thiscat@Thiscat:~/Masaüstü$
```