

1. 

```
> clang++-7 -pthread -std=c++17 -o main main.cpp
> ./main
Enter a number:
10434052
The number of even integers is: 5
> 
```

2. 

```
> clang++-7 -pthread -std=c++17 -o main main.cpp
> ./main
You rolled 6 + 2 = 8
Point is 8
You rolled 5 + 1 = 6
You rolled 6 + 3 = 9
You rolled 1 + 1 = 2
You rolled 3 + 6 = 9
You rolled 1 + 5 = 6
You rolled 3 + 5 = 8
You Win!
> 
```

3. 

```
> clang++-7 -pthread -std=c++17 -o main main.cpp
> ./main
Enter numbers:
3
5
2
5
5
5
0
The largest number is 5
The occurrence of your max number is 4
> 
```

4. 

```
> clang++-7 -pthread -std=c++17 -o main main.cpp
> ./main
Enter a string: Welcome to New York!
c: 1 times
e: 3 times
k: 1 times
l: 1 times
m: 1 times
n: 1 times
o: 3 times
r: 1 times
t: 1 times
w: 2 times
y: 1 times
> 
```