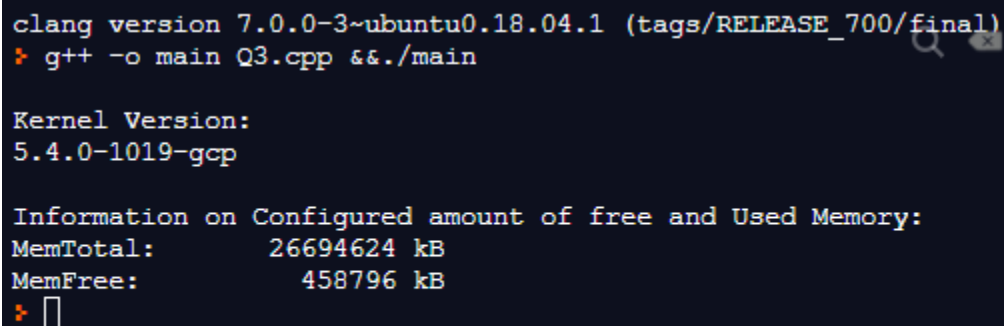


3)

Write a program to report behaviour of Linux kernel including information on 19 configured memory, amount of free and used memory. (memory information)

```
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
int main()
{
    int a;
    printf("\nKernel Version:\n");
    system("cat /proc/sys/kernel/osrelease");
    printf("\nInformation on Configured amount of free and Used Memory:\n");
    system("cat /proc/meminfo | awk 'NR==1,NR==2 {print}'");
    return 0;
}
```

OUTPUT:



```
clang version 7.0.0-3~ubuntu0.18.04.1 (tags/RELEASE_700/final)
❖ g++ -o main Q3.cpp &&./main

Kernel Version:
5.4.0-1019-gcp

Information on Configured amount of free and Used Memory:
MemTotal:      26694624 kB
MemFree:       458796 kB
❖ □
```