## **Experiment: 6**

Write a c program that takes, as a command line argument, the number of megabytes of memory it will use and during execution it should consume that much memory. Observe memory usuage during program execution using free command.

→ C program

```
khushi@khushi-VirtualBox:-$ nano script6.c
khushi@khushi-VirtualBox:-$ ./a.out 1000 20
Current Process ID = 2985
......(done)
khushi@khushi-VirtualBox:-$
```

```
khushi@khushi-VirtualBox:~$ free -h
               total
                           used
                                        free
                                                  shared buff/cache
                                                                        available
                           745Mi
                                       1.0Gi
                                                                212Mi
                                                                            1.0Gi
Mem:
Swap:
               3.0Gi
                           152Mi
                                       2.8Gi
khushi@khushi-VirtualBox:~$
```