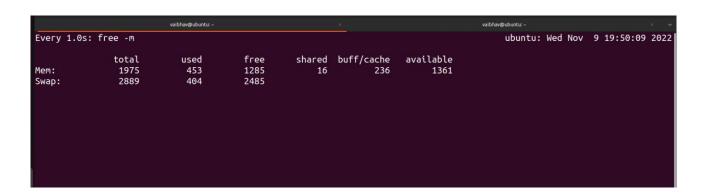
Write a C program that takes, as a command line argument, the number of megabytes of memory it will use and during execution it should consume that much memory. Observe memory usage during program execution using free command.





```
vaibhav@ubuntu:-$ nano lab.c
vaibhav@ubuntu:-$ gcc lab.c
vaibhav@ubuntu:-$ ./a.out 2000 30
Current Process ID = 13705
...(done)
vaibhav@ubuntu:-$
```

		vaibhav@ubuntu: ~			×		vaibhav@ubuntu: ~	x v
Every 1.0	s: free -m						ubuntu: Wed Nov	9 19:51:36 2022
	total	used	free	shared	buff/cache	available		
Mem:	1975	267	1627	7	81	1591		
Swap:	2889	542	2347					
							<u> </u>	