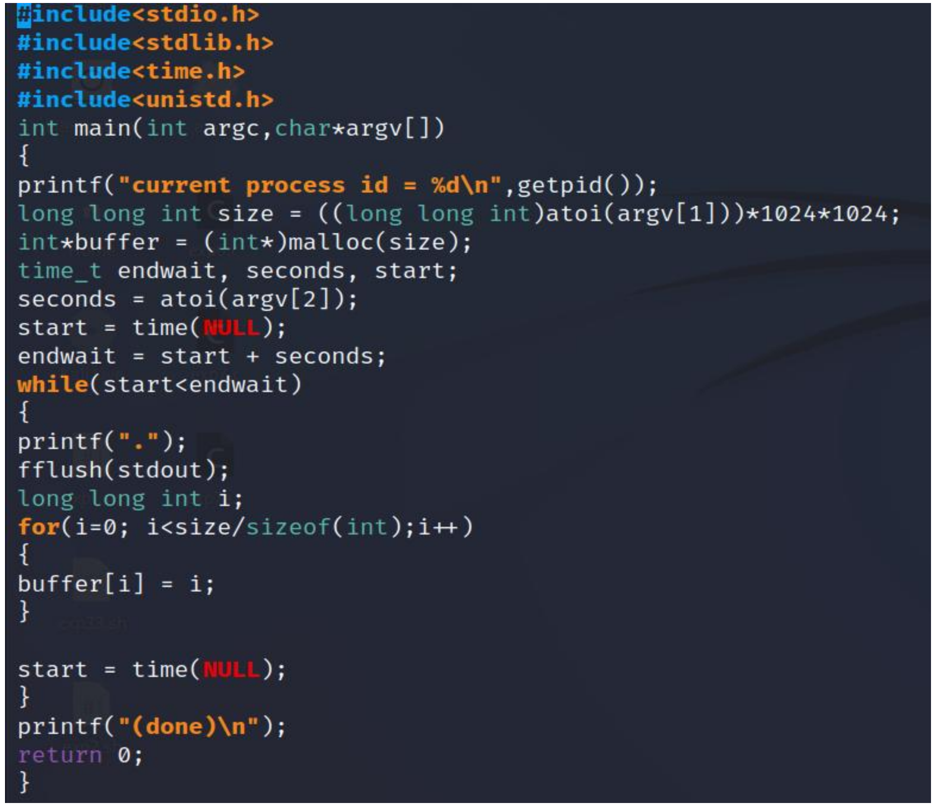
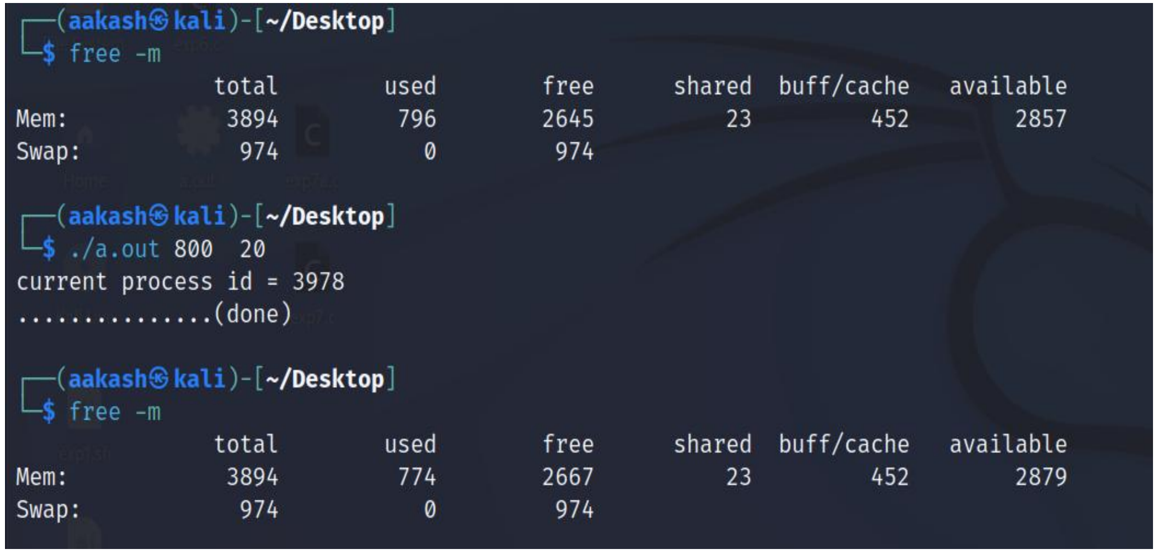


```c
#include<stdio.h>
#include<stdlib.h>
#include<time.h>
#include<unistd.h>
int main(int argc,char*argv[])
{
printf("current process id = %d\n",getpid());
long long int size = ((long long int)atoi(argv[1]))*1024*1024;
int*buffer = (int*)malloc(size);
time_t endwait, seconds, start;
seconds = atoi(argv[2]);
start = time(NULL);
endwait = start + seconds;
while(start<endwait)
{
printf(".");
fflush(stdout);
long long int i;
for(i=0; i<size/sizeof(int);i++)
{
buffer[i] = i;
}

start = time(NULL);
}
printf("(done)\n");
return 0;
}
```



```
┌──(aakash㉿kali)-[~/Desktop]
└─$ free -m
               total        used        free      shared  buff/cache   available
Mem:            3894         796        2645          23         452        2857
Swap:            974           0         974

┌──(aakash㉿kali)-[~/Desktop]
└─$ ./a.out 800  20
current process id = 3978
..............(done)

┌──(aakash㉿kali)-[~/Desktop]
└─$ free -m
               total        used        free      shared  buff/cache   available
Mem:            3894         774        2667          23         452        2879
Swap:            974           0         974
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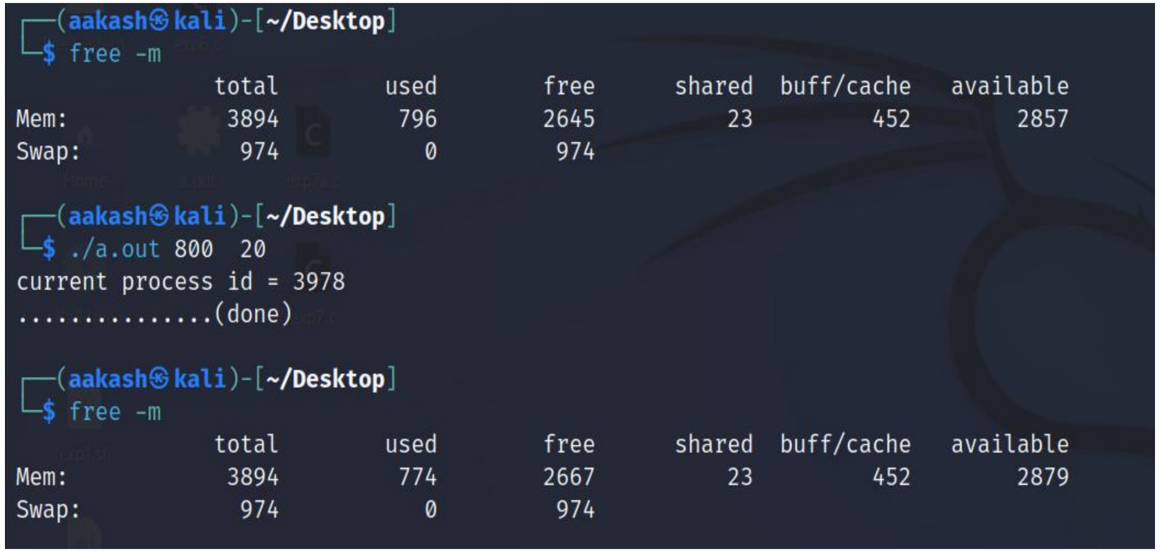

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