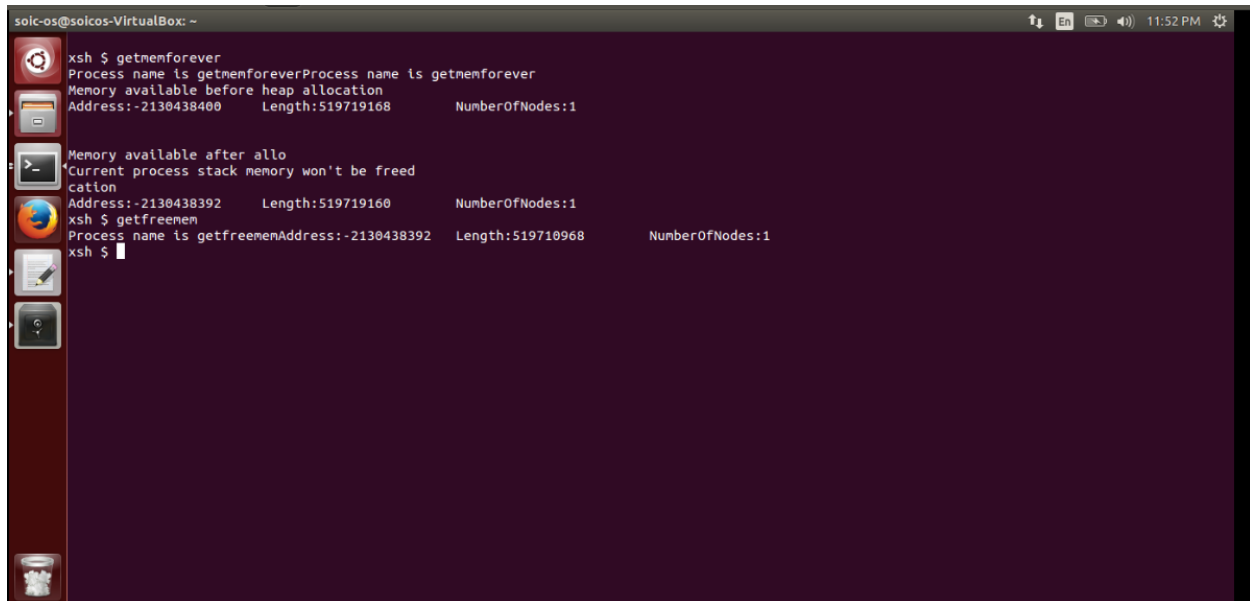


Comparison of sizes of normal getmem and our custom getmem



```
solc-os@solcos-VirtualBox: ~  
xsh $ getmemforever  
Process name is getmemforever  
Memory available before heap allocation  
Address:-2130438400      Length:519719168      NumberOfNodes:1  
  
Memory available after allocation  
Current process stack memory won't be freed  
Address:-2130438392      Length:519719160      NumberOfNodes:1  
xsh $ getfreemem  
Process name is getfreemem  
Address:-2130438392      Length:519710968      NumberOfNodes:1  
xsh $
```

- 1) For heap allocation, In screen shot we can see that getmemforever() assigns memory forever i.e 8 bytes.
Earlier 519719168 before allocation then 5197119160 after allocation.
Then after the process exits the memory available is same.
- 2) For stack allocation, we can see that 8192 bytes are assigned to process.
So after the process exits, the stack memory is not assigned back to free memory.
i.e 519710968 and earlier it was 5197119160, the difference being 8192 bytes.