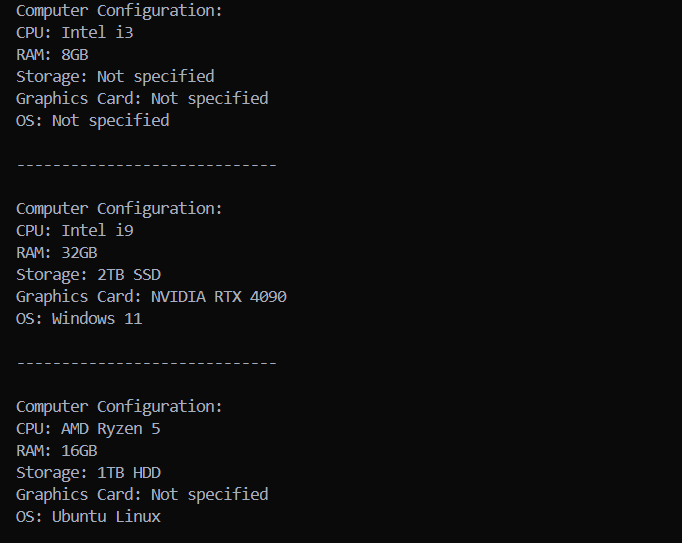
**Output**

****

The code is Hard-Coded to make the understanding easier.