Assignment 01

System Information Proof

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import platform  
import psutil  
  
print("Operating System:", platform.system(), platform.release())  
print("Python Version:", platform.python\_version())  
print("Machine:", platform.machine())  
print("Processor:", platform.processor())  
  
mem = psutil.virtual\_memory()  
print("Total Memory (MB):", round(mem.total / (1024\*\*2), 2))  
print("Available Memory (MB):", round(mem.available / (1024\*\*2), 2))

Operating System: Linux 6.11.0-1018-azure  
Python Version: 3.12.11  
Machine: x86\_64  
Processor: x86\_64  
Total Memory (MB): 15995.58  
Available Memory (MB): 14843.77