

# Assignment 01

## System Information Proof

Nakul Padalkar

```
import platform
import psutil
import pyspark

print("Operating System:", platform.system(), platform.release())
print("Python Version:", platform.python_version())
print(f"PySpark Version: {pyspark.__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 6.14.0-1012-aws  
Python Version: 3.12.3  
PySpark Version: 4.0.1  
Machine: x86\_64  
Processor: x86\_64  
Total Memory (MB): 7820.97  
Available Memory (MB): 3592.64