**Code for Dissertation Github**  
  
  
Monitor.txt – Created this file to run the script that will fetch system statistics i.e. CPU and Memory   
  
Below is the code present in this file

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| --- |
| #!/bin/bash  # This script monitors CPU and memory usage  while :  do  # Get the current usage of CPU and memory  cpuUsage=$(top -bn1 | awk '/Cpu/ { print $2}')  totalMem=$(free -m | awk '/Mem/{print $2}')  usedMem=$(free -m | awk '/Mem/{print $3}')  memUsagePercentage=$(awk "BEGIN {printf \"%.1f\", ${usedMem} / ${totalMem} \* 100}")  # Print the usage  echo "CPU Usage: $cpuUsage%"  echo "Memory Usage: $memUsagePercentage%"  # Sleep for 1 second  sleep 1  done |