**Prerequisites:**

**#Install the required tools:**

**sudo apt update && sudo apt install -y stress-ng coreutils util-linux**

### ****1. CPU Load****

#### **✅ Using yes:**

**yes > /dev/null &**

**(Customize by adding more `yes` processes to increase CPU usage (e.g., run multiple in parallel).**

***✅* Using stress-ng:**

**stress-ng --cpu 4 --timeout 60s**

**(Customize by changing `--cpu` for the number of threads and `--timeout` for duration.)**

**2. Memory Load**

**stress-ng --vm 1 --vm-bytes 1G --timeout 60s**

**(Customize `--vm` for number of workers, `--vm-bytes` for memory size, and `--timeout` for duration.)**

**3. Disc Load**

**✅ Using fallocate to create a 1GB file:**

**fallocate -l 1G testfile**

**(Customize `-l` for desired file size (e.g., `500M`, `2G`).)**

**✅ Using stress-ng for disk I/O:**

**stress-ng --hdd 2 --hdd-bytes 2G --timeout 60s**

**(Customize `--hdd` for number of threads, `--hdd-bytes` for total write size, and `--timeout` for duration.)**

**After testing**:

**rm -f testfile**

**killall yes stress-ng**