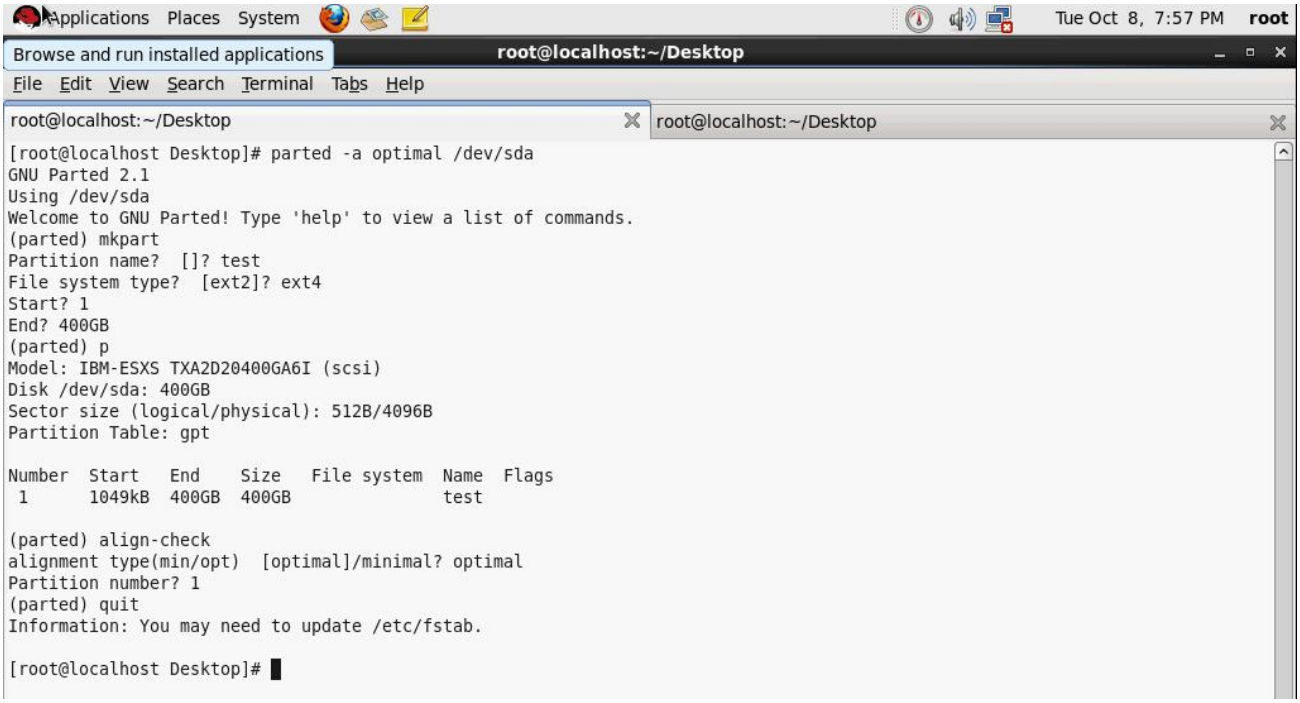
To format and align a JBOD SSD under RHEL 6.4 by using "**parted**"

A. To identify the JBOD SSD:
   1. open a terminal
   2. input command: `fdisk –l /dev/sda` (assume sda is the JBOD SSD)
   3. The size is 400GB.

B. To create a partition on the JBOD SSD by using "**parted**"
   1. input command: parted –a optimal /dev/sda
   2. In parted interaction interface, input: "mkpart" to create a partition.
   3. setup the partition name, file system type, starting block and ending block
   4. input: "p" to print out partition information
   5. input: "align-check" to optimize partition alignment
   6. input: "quit" to exit parted.



C. To format the JBOD SSD with “nodiscard”(no TRIM) parameter

1. input: mkfs.ext4 –E nodiscard /dev/sda1
2. The JBOD SSD will be formatted in normal speed and the alignment is good.