1. sudo fdisk /dev/sdb
2. sudo cryptsetup luksFormat /dev/sdb2
3. sudo cryptsetup luksOpen /dev/sdb1 myencrypted
4. sudo mkfs.ext4 /dev/mapper/myencrypted
5. sudo mount /dev/mapper/myencrypted /mnt

Replace /dev/sdX with your actual partition identifier and my\_encrypted\_partition with a name of your choice.

1. myencrypted /dev/sdX none luks
2. /dev/mapper/myencrypted /mnt ext4 defaults 0 2