1. 4th to last line

```
sed -n '$-3,$p' filename
```

2. Print last record

```
sed -n '$p' filename
```

3.delete 3 to 7

```
sed '3,7d' filename > newfile
```

4.first 6 lines

```
sed -n '1,6p' filename
```

5. 2nd and 5th line

```
sed -n '2p;5p' filename
```