

grep Cheatsheet

Synopsis

```
grep [OPTION...] PATTERNS [FILE...]
```

Sample File

sample.txt

[ID]	[Name]	[Position]	[Division]	[Salary]
10	Alice	Manager	Sales	\$8,000
20	Bob	Developer	Technology	\$7,000
30	Charlie	Specialist	Technology	\$5,000
40	David	Manager	Marketing	\$9,000
50	Eva	Specialist	Sales	\$4,000
60	Evan	Developer	Technology	\$6,000

Show Context

```
# -1 is equivalent to --context=1
grep -1 David sample.txt
grep -C 1 David sample.txt
grep --context=1 David sample.txt
```

Show Line Number

```
grep -n Manager sample.txt
grep --line-number Manager sample.txt
```

Logical OR

```
grep "Sales\|Marketing" sample.txt  
grep -e Sales -e Marketing sample.txt  
grep -regexp Sales --regexp Marketing sample.txt
```

Logical AND

```
grep Manager sample.txt | grep Sales
```

Logical NOT

```
grep -v Manager sample.txt  
grep --invert-match Manager sample.txt
```

Ignore Case

```
grep -i manager sample.txt  
grep --ignore-case manager sample.txt
```

Whole Word

```
grep "\bEva\b" sample.txt
```

No Regular Expression

```
grep -F "[ID]" sample.txt  
grep --fixed-strings "[ID]" sample.txt
```