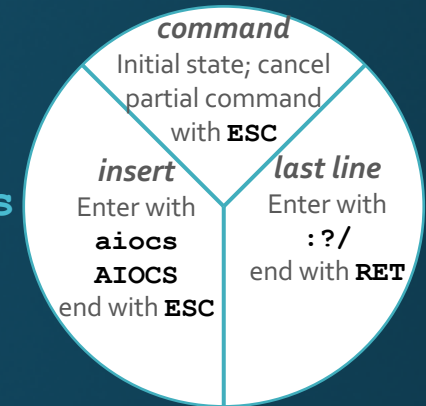


## vi states



### CHANGE

**cw** – word  
**cc** – line  
**C** – rest of line  
**s** – under cursor  
**S** – same as **cc**  
**r** – replace char

### DELETE

**dw** – word  
**dd** – line  
**D** – rest of line  
**x** – under cursor  
**X** – before cursor  
**xp** – transpose

### MOVE

**k** – line up  
**j** – line down  
**l** – right space  
**h** – left space  
**\$** – end of line  
**0** – beginning of line  
**^D** – scroll down  
**w** – word forward  
**b** – word backward  
**e** – end of word  
**nG** – line *n*

### OTHER

**u** – undo change  
**/** – find down  
**?** – find up  
**.** – repeat  
**n** – next

## vi commands

### INSERT

**a** – after cursor  
**A** – at end of line  
**i** – before cursor  
**I** – at beginning of line  
**o** – open line below  
**O** – open line above  
**yw** – yank word  
**yy** – yank line  
**p** – put

### ex COMMANDS

**:se nu** – set numbers  
**:se nonu** – no numbers  
**:r** – read in file  
**:!**  – run command  
**:se wm=10** – wrap words

### SAVE/QUIT

**:w** – write buffer  
**:q** – quit  
**:wq** – write and quit  
**:q!** – abandon buffer  
**:ZZ** – same as **:wq**  
**^Z** – suspend **vi**