AIC Cheat Sheet

If errors are found, contact carstenw@ntnu.no

*nix

running programs in background	<pre><command/> &</pre>
listing files	ls -1
change directory	cd <directory></directory>
change to home dir	cd
change to last directory	cd -
finding help on a command	man <command/>
text editor	emacs
alternative text editor	vim
noob text editor	nano
Candanaa nuaguang	
Candence programs	

virtuoso

spectre

cdsFinder

ocean

Schematic Editor

running SPICE simulations

starting skill reference help

running ade-xl/assembler scripts

main program

zoom in	ctrl-z
zoom out	shift-z
place instance	i
edit properties	q
descend read-only into selected instance	е
descend edit into selected instance	shift-e
edit in place	x
return to previous level	ctrl-e
undo	u
check and save	shift-x
delete selected object	delete
copy selected objects	С
draw a wire	w
add a pin	p
add a label	1
move instance	m
move instance without rerouting wires	shift-m
rotate object	r
mirror object	shift-r
flip object	ctrl-j
add wires to selected symbol	space
properties	£3
deselect someting	0

Symbol Editor

add instance labels shift-a

Python (cont.)

read/write json json command line arguments/options click

Layout Editor

zoom in	ctrl-z	
zoom out	shit-z	
zoom to a specific area	right-click, dra	g
fit	f	
see hierarchy contents	shift-f	
hide hirearchy contents	ctrl-f	
stretch path/rectangle	s	
move	m	
copy	С	
undo	u	
select all	ctrl-a	
deselect all	F1 or ctrl-d	
show properties	q	
create ruler	k	
delete all rulers	shift-k	
descend into a cell	shift-x	
return from a cell	shift-b	
create via	0	
chop a rectangle	shift + c	
toggle gravity	g	
properties	f3	
create rectangle	r	

Assembler

write a skill script to ../../ocn shift-s load am outputs csv file from ../../csv with the name <cell>_<view>.csv i.e tb_sun_bias_maestro.csv shift-r

Python

install packages	pip3 install
install packages when the pip is not there	python3 -m pip install
install packages with edit	pip3 install -e
install packages without root	pip3 installuser
plotting, graphs	matplotlib.pyplot
pretty plotting	seaborn
read/write data files (csv, json, html)	pandas
maths	numpy
tikz plotting	tikzplot
read/write yaml	yaml