Bash Shell Blocks Cheatsheet

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| **Bash Conditionals** | |
| **if-then-else-fi** | **Multilevel if-then-else-fi** |
| if [[ $1 -gt 0 ]]  then  echo "$1 number is positive"  else  echo "$1 number is negative"  fi | if [[ $1 -gt 0 ]]; then  echo "$1 is positive"  elif [[ $1 -lt 0 ]] ;then  echo "$1 is negative"  else  echo "$1 is 0"  fi |
| **Case Statement** | **Select/Case combination** |
| case $VAR in  "car") echo "Vehicle is a car";;  "van") echo "Vehicle is a van";;  "jeep") echo "Vehicle is a jeep'';;  "bicycle") echo "I'm sorry";;  \*) echo "Probably a llama!";;  esac | PS3=”Please Choose: ”  select CHOICE in “Yes” “No” “Quit”  do  case $CHOICE in  Yes) echo “ You said Yes” ;;  No) echo “You said No” ;;  Quit) exit ;;  esac  done  # ;; ends the test pattern and iterates the loop  # ;;& continues to the next test pattern  #;& executes the next not matter what |
| **Bash Loops** | |
| **For loop C-style** | **For loop** |
| for (( i = 0 ; i <= 5; i++ ))  do  echo "Welcome $i times"  done | for ITEM in 1 2 3 4 5  do  echo "Item is $ITEM"  done |
| **While loop** | **Until loop** |
| VAR=1  while [ $VAR -lt 10 ]  do  echo “$VAR”  (( VAR++ ))  done | VAR=1  until [ "$VAR" -eq "10" ]  do  echo “$VAR”  (( VAR++ ))  done |