Bash Shell Blocks Cheatsheet

Bash Conditionals

if-then-else-fi	Multilevel if-then-else-fi

<pre>if [[$1 -gt 0]]
then
    echo "$1 number is positive"
else
    echo "$1 number is negative"
fi</pre>
	<pre>if [[$1 -gt 0]]; then
	    echo "$1 is positive"
	elif [[$1 -lt 0]] ;then
	    echo "$1 is negative"
	else
	    echo "$1 is 0"
	fi</pre>

Case Statement	**Select/Case combination**

<pre>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</pre>
	<pre>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</pre>

Bash Loops

For loop C-style	For loop

<pre>for ((i = 0 ; i <= 5; i++))
do
    echo "Welcome $i times"
done</pre>
	<pre>for ITEM in 1 2 3 4 5
	do
	    echo "Item is $ITEM"
	done</pre>

While loop	**Until loop**

<pre>VAR=1
while [$VAR -lt 10]
do
    echo “$VAR”
    ((VAR++))
done</pre>
	<pre>VAR=1
	until ["$VAR" -eq "10"]
	do
	    echo “$VAR”
	((VAR++))
	done</pre>