**TEST**

test value --> returns true if the value is not zero.

test value1 = value2 --> test if value1 and value2 are same. if they are same the stutus (echo $?)will be zero.

test value1 != value2 --> tests if value1 and value2 are not same. if they are NOT same, then staus will be zero.

test value1 -gt value2

test value1 -ge value2

test value1 -lt value2

test value1 -le value2

test -z value --> returns true if the value is empty (zero-length) (x=20; test -z "$x"; echo $? --> returns false since x is not empty.)

test -f filname 🡪 test if it is a file and existed.

test -d filename 🡪 test if it is a directory.

test -s filename 🡪 test if it is a file and NOT empty.

test -z filename --> test if file existed and empty.

test -r/w/x filename

test expression 🡪 test if the expression is true.

test ! expression --> test ! -x config.sh --> test wether the config.sh is not executable.

test expression1 -a expression2 --> test if both expressions are true.

test expression1 -o expression2 --> test if either one of the expression is true.