**Comparison Operators:**

== (Equal to): Checks if two values are equal.

!= (Not equal to): Checks if two values are not equal.

-eq (Equal): Checks if two integers are equal.

-ne (Not equal): Checks if two integers are not equal.

-lt (Less than): Checks if the left integer is less than the right integer.

-le (Less than or equal to): Checks if the left integer is less than or equal to the right integer.

-gt (Greater than): Checks if the left integer is greater than the right integer.

-ge (Greater than or equal to): Checks if the left integer is greater than or equal to the right integer.

1. Basic Shell Script Structure:

#!/bin/bash

# Define variables

name="John"

age=30

# Read user input

echo "What's your name?"

read user\_name

# Use variables and user input

echo "Hello, $name! You are $age years old."

echo "You entered: $user\_name"

2. For Loop

#!/bin/bash

# Simple for loop

for i in {1..5}; do

echo "Iteration $i"

done

# Looping through an array

fruits=("apple" "banana" "cherry")

for i in "${fruits[@]}"; do

echo "I like $i"

done

3. While loop

count=1

while [ $count -le 5 ]

do

echo "Count: $count"

((count++))

done

4. Website.sh

sudo apt update

sudo apt install apache2 wget unzip -y

wget https://www.tooplate.com/zip-templates/2128\_tween\_agency.zip

unzip 2128\_tween\_agency.zip

sudo cp -r 2128\_tween\_agency/\* /var/www/html/

sudo systemctl restart apache2