

## Day 7 – Assignment 3

- Write a script that reads numbers from the user until they enter '0'. The script should also print whether each number is odd or even.

✓ Whether each number is Odd or Even

```
#!/bin/bash

# Function to check if a number is odd or even
check_odd_even() {
    local num=$1
    if [ $((num % 2)) -eq 0 ]
    then
        echo "Number $num is even"
    else
        echo "Number $num is odd"
    fi
}

# Prompt the user to enter numbers until they enter '0'
while true
do
    echo "Enter a number (enter '0' to quit):"
    read num

    # Check if the entered number is '0' to exit the loop
    if [ "$num" -eq 0 ]
    then
        echo "Exiting the script."
        break
    fi

    # Check if the number is odd or even
    check_odd_even $num
done
```