

Assignment – 2

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.

```
#!/bin/bash

read -p "Enter a number (or 0 to quit): " number

while [ $number -ne 0 ]
do
    # Check if the number is even using modulo (%) operator
    if [ (($number % 2)) -eq 0 ]; then
        echo "$number is even"
    else
        echo "$number is odd"
    fi

    # Prompt for the next number
    read -p "Enter a number (or 0 to quit): " number
done

echo "Exiting..."
```

Execution :

1. Save the script as a file. For example, check_odd_even.sh.
2. Make the script executable using `chmod +x check_odd_even.sh`.
3. Run the script from your terminal: `./check_odd_even.sh`.

The script will prompt you to enter numbers. Enter any number, and it will tell you if it's odd or even. You can keep entering numbers until you type '0' to quit the program.
