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Topic – Shell Script Assignment : 02

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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.

Solution :

Code :

```
MINGW64:/c/Users/VIKAS SRIVASTAVA/OneDrive/Desktop/Assignment/ShellScript_Assignments

while true; do
    read -p "Enter a number (or 0 to stop): " num
    if [ "$num" -eq 0 ]; then
        echo "Exiting the program."
        break
    fi
    if [ $((num % 2)) -eq 0 ]; then
        echo "$num is even."
    else
        echo "$num is odd."
    fi
done
```

Output :

```
VIKAS SRIVASTAVA@Vikas MINGW64 ~/OneDrive/Desktop/Assignment/ShellScript_Assignments (main)
$ sh Assignment_2.sh
Enter a number (or 0 to stop): 5
5 is odd.
Enter a number (or 0 to stop): 0
Exiting the program.
```