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.

```
# Function to check if a number is odd or even
check_odd_even() {
  if [ $(( $1 % 2 )) -eq 0 ]; then
    echo "$1 is even"
  else
    echo "$1 is odd"
  fi
}
# Loop to read numbers from the user
while true; do
  echo -n "Enter a number (0 to quit): "
  read number
  if [ "$number" -eq 0 ]; then
    echo "Exiting..."
    break
  fi
  check_odd_even "$number"
done
```

Output:

```
Enter a number (0 to quit): 5
5 is odd
Enter a number (0 to quit): 10
10 is even
Enter a number (0 to quit): 3
3 is odd
Enter a number (0 to quit): 15
15 is odd
Enter a number (0 to quit): 0
Exiting the script
```