Assignment2. 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:

Here's a shell script that reads numbers from the user until they enter '0' and prints whether each number is odd or even:

```
  GNU nano 6.2                                    evenoddcheck.sh
while true;do
   echo -n " enter a number (enter '0' to quit): "

   read num

#check if the input is 0,if so,exit the loop

   if [ "$num" -eq 0 ]; then
      break

   fi

#check if the number is even or odd

   if [ $((num%2)) -eq 0 ]; then
     echo  "$num is even."
   else
     echo "$num is odd."
   fi
done
```

 I Saved the script to a file, say **oddvencheck.sh**, and make it executable using the command **chmod 777 oddencheck.sh**. Then you can run it using **./oddencheck.sh** in the terminal. The script will prompt you to enter numbers, and it will print whether each number is odd or even until you enter '0' to quit.