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.

```bash
#!/bin/bash

while true; do
  read -p "Enter numbers (separated by spaces, 0 to quit): " -a numbers

  for number in "${numbers[@]}"; do
        if [ "$number" -eq 0 ]; then
        echo "Exiting..."
        exit 0
        fi

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

Output

rps@rps-virtual-machine:~/Desktop/Wipro assignments/Day 8$ chmod 777 oddoreven.sh
rps@rps-virtual-machine:~/Desktop/Wipro assignments/Day 8$ ./oddoreven.sh
Enter numbers (separated by spaces, 0 to quit): 56 34 536 6 7 45 365 6 0 7 8 63
56 is even.
34 is even.
536 is even.
6 is even.
7 is odd.
45 is odd.
365 is odd.
6 is even.
Exiting...