

## 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.

```
vijaysharma@VegyalapuVijay:~/jaysharma$ #Function to check if a number is odd or even
```

```
vijaysharma@VegyalapuVijay:~/jaysharma$ check_odd_even(){
```

```
> if [ $(( $1 % 2 )) -eq 0 ]; then
```

```
> echo "$1 is even"
```

```
> else
```

```
> echo "$1 is odd"
```

```
> fi
```

```
> }
```

```
vijaysharma@VegyalapuVijay:~/jaysharma$ #Loop to read numbers from the user
```

```
vijaysharma@VegyalapuVijay:~/jaysharma$ 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
```

```
Enter a number (0 to quit): 64
```

```
64 is even
```

```
Enter a number (0 to quit): 63
```

```
63 is odd
```

```
Enter a number (0 to quit): 0
```

```
Exiting...
```