

Assignment 2:

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
```

```
mohana@LAPTOP-C6DK3IAD:~$ check_odd_even(){  
>   if [ $(( $1 % 2 )) -eq 0 ]; then  
>       echo "$1 is even"  
>   else  
>       echo "$1 is odd"  
>   fi  
> }  
mohana@LAPTOP-C6DK3IAD:~$ check_odd_even 5;  
5 is odd  
mohana@LAPTOP-C6DK3IAD:~$ |
```