Assignment Day-6

Assignment 1: 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:

while true; do

 echo -n "Enter a number (0 to quit):" read number if ["$number"-eq0]; then echo "Exiting.."

break

 fi then

if [$((number % 2))-eq0];

 else

echo "$number is even" done

Assignment 2: Ensure the script checks if a specific file (e.g., myfile.txt) exists in the current directory. If it exists, print ""File exists"", otherwise print ""File not found"".

 Solution

 filename="myfile.txt"

if [-e "$filename"];

then

 echo "file exists"

else

 echo "file not found"

 fi

Assignment 3: Create a function that takes a filename as an argument and prints the number of lines in the file. Call this function from your script with different filenames.

Solution:-

Count_lines() {

Filename="$1"

If [-f "$filename"]; then

Lines=$(wc-1 < $filename")

 Echo "Number of lines in $filename : $lines"

Else

```
Echo "$filename does exit"
 Fi
 }
Count_lines"myfile1.txt"
Count_lines"myfile2.txt"
```