Nested and multilevel if elsif statements

1) Write a program to output different messages when number is:

a. Greater than 3

b. Lesser than 3

c. Or equal to 3

d. Or when the user input is empty

**ANSWER:**

**#!/bin/bash**

**read -p "enter a number" n**

**echo "$n"**

**if [$n -gt 3 ]**

**then**

**echo "greater than 3"**

**elif [ 3 -gt $n ]**

**then**

**echo "lesser than 3"**

**elif [ 3 -eq $n ]**

**then**

**echo "equal to 3"**

**elif [ -z $n ]**

**then**

**echo "input empty”**

**fi**