

## MAC283 Quiz NO 8

1. The following program converts an ASCII code to Binary. \_

[Dpeled.com/4-4.asm](http://Dpeled.com/4-4.asm)

Edit the above program and add to display the number of 1's and the number of 0's in the ASCII binary code.

```
Enter any key --> z The ASCII code is --> 01111010
The Number of 0's in the above binary is 3
The Number of 1's in the above binary is 5
One more Character to convert to ASCII? If yes type Y
```

You will need to do the following:

1. Add another numeric variable to count the number of 0's
2. Add two string variables for an additional messages.
3. Before displaying the number of 1's you will need to add to it 30h to convert the number to ascii for displaying.

There are hints in the listing where to add commands.

Email your work to [prof@dpeled.com](mailto:prof@dpeled.com)

Quiz is due by today 11.00 PM

**GOOD LUCK!**