Tutorial 4

Q1.

Show the output produced by each of the following. Align the output carefully so the exact position of each output character is obvious (use ~ for space):

int num = 75;

double rate = 23.425;

System.out.printf("%s%n %5d ", "Question No:", 2);

Question No:

~~~~~2

System.out.printf("%-15s%-5d%-2.2f%n", "Tutorial 3", num, rate);

Tutorial 3~~~~~75~~~23.43

System.out.printf("num = %7d%n", num);

num =~~~~~~75

System.out.printf("rate = %6.3f%n", rate);

rate = ~23.425

```
Question No:
     2 Tutorial 3      75   23.43
num =       75
rate = 23.425
```

Q2.

Write one print statement to display the following output:
```
The Rate 33.7 changed by
~~~5.000%
```
Assume you have the following Declaration:
```
double Rate = 33.666 , Percent = 5;
```

```
System.out.printf("The Rate %.1f changed by \n%8.3f%%",Rate,
Percent);
```

Output