The raw code for this IPython notebook is by default hidden for easier reading. To toggle on/off the raw code, click [here](#).

Conditional Execution - Practice Problem

Create a change-counting game that gets the user to enter the number of coins required to make exactly one dollar. The program should prompt the user to enter the number of
pennies, nickels, dimes, and quarters. If the total value of the coins entered is equal to one dollar, the program should congratulate the user for winning the game. Otherwise, the program should display a message indicating whether the amount entered was more than or less than one dollar.

```
Enter the number of pennies you have: 56
Enter the number of nickels you have: 28
Enter the number of dimes you have: 16
Enter the number of quarters you have: 44
Amount is more than a dollar
```

Extend the program written above as follows: If the amount is less than a dollar, print `"The amount is x% less than a dollar"` **where the value of x needs to be correctly computed and replaced. Similary, if the amount is greater than a dollar, print** `"the amount is y% more than a dollar"` .

```
Enter the number of pennies you have: 56
Enter the number of nickels you have: 28
Enter the number of dimes you have: 16
Enter the number of quarters you have: 44
1456
Amount is more than a dollar
The amount is 1356% more than a dollar
```

Extend the program written above as follows: If the amount is less than 100, check if it is greater than 50. If it is, print `"Not much less than a dollar"` . **If not, print** `"Much less than a dollar"` . **If the amount is greater than 100, check if it greater than 150. If it is, print** `"Much more than a dollar"` . **If not, print** `"Not much more than a dollar"`

```
Enter the number of pennies you have: 56
Enter the number of nickels you have: 28
Enter the number of dimes you have: 16
Enter the number of quarters you have: 44
Amount is more than a dollar
The amount is 1356% more than a dollar
Much more than a dollar
```