

## *Python Program*

Write a program that simulates a coin flip. The program displays a menu as shown in the sample run. You can enter 1 or 2 for choosing Head or Tail. After a first flip is finished, the menu is redisplayed. You may choose 9 to exit the program. Each flip generates a random number between 1 (Tail) and 2 (Head). Before you exit the program, print number of coin flips and number of times the user choice was correct.

Sample output:

```
Enter 1 for Head
Enter 2 for Tail
Enter 9 to exit
2
You Lost
Enter 1 for Head
Enter 2 for Tail
Enter 9 to exit
1
You Won
Enter 1 for Head
Enter 2 for Tail
Enter 9 to exit
2
You Won
Enter 1 for Head
Enter 2 for Tail
Enter 9 to exit
2
You Lost
Enter 1 for Head
Enter 2 for Tail
Enter 9 to exit
2
You Lost
Enter 1 for Head
Enter 2 for Tail
Enter 9 to exit
1
You Won
Enter 1 for Head
Enter 2 for Tail
Enter 9 to exit
9
Number of flips 6
You Won 3 Time(s)
```