

Out[1]:

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

Iteration - Practice Problem

Write a program that calculates the amount of money a person would earn over a period of time if his or her salary is one penny the first day, two pennies the second day, and continues to double each day. The program should ask the user for the number of days. Display a table showing what the salary was for each day. Finally, the program should display the total pay at the end of the period. All output should be displayed as a dollar amounts and not as the number of pennies.

```
Enter the number of days: 6
Day Salary
1 $0.01
2 $0.02
3 $0.04
4 $0.08
5 $0.16
6 $0.32
the total pay is $0.63
```