

## **Python Stock Profile Calculator**

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### **Instructions To Run the Python Program In Command Line Interface For Windows 8:**

1. Install Python version 2.7.6
2. You should arrange for Python's installation directory to be added to the PATH of every command window as it starts
3. Set the path as PATH C:\Python27;%PATH% and reboot system if needed.
4. Go to cmd terminal from Start and select folder where python program file (stockprflecac.py) is located. For eg.,C:\Users\abinethri\python\_programs\_2.7.6
5. Locate the file stockprflecac.py and run as : python stockprflecac.py
6. Sample Input and Output to test the workings looks like this:

```
Command Prompt

C:\Users\abinethri\python_programs_2.7.6>python stockprflecac.py
Compute your profit !
Enter a stock symbol(as alphabets): ADBE
Enter allotment(number of shares): 100
Enter final share price(in dollars): 110
Enter sell commission(in dollars): 15
Enter initial share price(in dollars): 25
Enter buy commission(in dollars): 10
Enter capital gain tax rate(in %): 15

Ticker symbol: ADBE
Allotment: 100
Final Share Price: 110.0
Sell Commission: 15.0
Initial Share Price: 25.0
Buy commission: 10.0
Capital Gain Tax Rate(%) 15.0

PROFILE REPORT:
STOCK SYMBOL ADBE
PROCEEDS: $ 11000.0
COST: $ 3796.25
TOTAL PURCHASE PRICE: $ 2500.0
BUY COMMISSION: $ 10.0
SELL COMMISSION: $ 15.0
TAX ON CAPITAL GAIN: $ 1271.25
NET PROFIT: $ 7203.75
RETURN ON INVESTMENT: 189.759631215 %
FINAL SHARE PRICE TO BREAK EVEN: $ 25.25

C:\Users\abinethri\python_programs_2.7.6>
```

7. Exit cmd window when finished executing