

COSC 1436, Professor Clark

Assignment 2: 9 points

Write a Program: Calculate Twitter Followers

Marcelo started the week with 12000 Twitter followers. One of his tweets was retweeted by a news outlet, and he gained 35% more followers.

Your job is to calculate and display how many followers he gained this week and how many total followers he has now.

Your program should have the following:

- 3 comment lines (description of the program, author, and date). (1 point)
- Create a variable to store the starting number of followers. We will name this variable **startingFollowers**. Initialize the variable to 12000. (1 point)
- Create an equation that calculates the amount of new followers this week (use the startingFollowers variable you made above in your calculation). Save the result of this equation in a variable named **newFollowers**. (2 points)
- Create an equation that calculates the total amount of followers (use both variables you created above in your calculation). Save the result of this equation in a variable named **totalFollowers**. (2 points)
- Display the result (as shown below) using cout commands. **Be sure to use your variables in your output** instead of just typing numbers directly in the cout statements. (3 points)

```
Marcelo started the week with 12000 followers.  
He gained 4200 followers this week.  
He ended the week with 16200 total followers.
```