

Queens College of CUNY
Department of Computer Science
Programming Languages
(CSCI 316)
Winter 2026

Assignment #1
"Survey of Languages and IDEs"
Due: January 5, 2026

Submissions:

In the Google form (accessible via the Assignments page), please submit a single combined PDF showing each program and output, as well as your summary table.

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Tasks:

[1] Using any ten (10) languages of your choices in the editors / IDEs of your choice write code to perform the same task:

Compute the sum of the numbers 1 thru n, where n is a parameter.

You may use online code, AI-bots, or other tools to generate the code.

[2] Run each of those code snippets however you can and capture the console output, not just the answer which should be the same - a number equal to $n(n+1)/2$ - but also all the stuff that the runtime environment prints before and after.

[3] In addition to the code snippet and the output, complete the following summary table about your experience:

No.	Language	Source for Code or AI Tool Used	IDE or Platform Where Executed	Interesting Feature About the Language
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Combine all of the above into a single file Assignment01.pdf