

CS300: Programming Languages

Spring 2022

Writing Assignment #1

- Name only: _____
- Release date: Jan 20, 2022 (Thursday), 1:45pm
- Due date: Jan 27, 2022 (Thursday), 12:30pm
- Type your answer below each question and submit WORD Doc. No handwriting.
- Assignment should be SUBMITTED on Blackboard before Due Date. Other submission methods will NOT be accepted.
- LATE Submission will NOT Be Accepted on Blackboard since the submission link will be closed automatically after due date;
 - Additional submission for missing answer will NOT Be Accepted.
- It should be done INDIVIDUALLY; Show ALL your work and evidence to support your answers.
- Total: 10 pts

1. What arguments can you make for the idea of a single language for all programming domains? [2 pts]
2. What arguments can you make against the idea of a single language for all programming domains? [2 pts]
3. Many languages distinguish between uppercase and lowercase letters in user-defined names. What are the pros and cons of this design decision? [2 pts; 1 pt – pros; 1 pt - cons]
4. Visit <https://www.tiobe.com/tiobe-index/>, choose one programming language that interests you, write and execute the classic “Hello World” program, and take a screenshot of program and result. (Hint: There is online compiler/interpreter for many current programming languages. You can write and run the “Hello World” program using online compiler/interpreter. No installation required.) [4 pts: 2 pts – program; 2 pts - result]