**Intro to Programming**

*See the lesson notes / video at*: [dmaccarthy.github.io/sci/#cs\_new/sp1/intro](https://dmaccarthy.github.io/sci/#cs_new/sp1/intro)

1. a) Find a ranking of the ten most popular high-level programming languages. Paste a link to your source.

Source Link

b) Explain in your own words how the source defined “popular”?

Answer

c) List the names of these ten languages and briefly state the most common use(s) of each language.

|  |  |  |
| --- | --- | --- |
| **Rank** | **Language** | **Common Use(s)** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |
| 9 |  |  |
| 10 |  |  |

2. Define and explain the difference between “syntax” and “semantics”.

Answer

3. What does it mean when we say a programming language is “case sensitive”?

Answer

4. Explain the difference between “high-level” and “low-level” programming languages.

Answer

5. Explain what “compilers” and “interpreters” do.

Answer