Programming languages (TC-2006)

Homework 02

In this homework, you will classify three programming languages according to the criteria discussed in class.

1 Classifying programming languages

Please select three programming languages from any source you prefer[1]. For each of these programming languages, provide the following information:

- A web page where the program is described (this can be the vendor's web page).

- Provide a small example of the code. It can be the "Hello world!" example that is commonly used. **There is no need to include functional code, just a piece that allows you to show the properties of the language**.

- Classify the language based on how it expresses the solution (declarative or imperative) and **briefly justify your answer**.

- Classify the language based on its paradigm (imperative, declarative, structured, object oriented, functional or logic) and **briefly justify your answer**.

Deliverables

Prepare a brief PDF document (at most two pages) that contains the information requested and submit it to Canvas. **Please, do not submit other formats but PDF**.

I promise to apply my knowledge, strive for its development, and not use unauthorized or illegal means to complete this activity, following the Tecnológico de Monterrey Student Code of Honor.

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[1]To encourage the analysis, you are not allowed to consider the following languages for this homework: C, C++, C#, Java and Python.