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**PROGRAM:** BSCS

**SEMESTER:**  1

**TASK 1:Different types of programming Languages**

**C Language:**

**C** is a general-purpose computer programming language. It was created in the 1970s by Dennis Ritchie, and remains very widely used and influential. By design, C's features cleanly reflect the capabilities of the targeted CPUs.

**C++ Language:**

* C++ is a cross-platform language that can be used to create high-performance applications.
* C++ was developed by Bjarne Stroustrup, as an extension to the C language.
* C++ gives programmers a high level of control over system resources and memory.
* The language was updated 4 major times in 2011, 2014, 2017, and 2020 to C++11, C++14, C++17, C++20.

**Java Language:**

* Java is a popular programming language.
* Java is used to develop mobile apps, web apps, desktop apps, games and much more.

**HTML:**

* HTML stands for Hyper Text Markup Language
* HTML is the standard markup language for creating Web pages
* HTML describes the structure of a Web page
* HTML consists of a series of elements
* HTML elements tell the browser how to display the content
* HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

**CSS:**

* CSS stands for cascading style sheets.
* CSS describes how HTML elements should be displayed.

**JavaScript:**

* JavaScript (often shortened to JS) is a lightweight, interpreted, object-oriented language with first-class functions, and is best known as the scripting language for web pages, but it's used in many non-browser environments as well.
* JavaScript is the world's most popular programming language.
* JavaScript is the programming language of the Web.
* JavaScript is easy to learn.

**jQuery:**

* jQuery is a JavaScript Library.
* jQuery greatly simplifies JavaScript programming.
* jQuery is easy to learn.

**Bootstrap:**

* Bootstrap is a free front-end framework for faster and easier web development.
* Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins.
* Bootstrap also gives you the ability to easily create responsive designs.

**PHP:**

* PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages.
* PHP is a widely-used, free, and efficient alternative to competitors such as Microsoft's ASP.

**Angular:**

* AngularJS is a framework of JavaScript and it’s a scripting language, it is written in TypeScript.
* AngularJS extends HTML with new attributes.
* AngularJS is perfect for Single Page Applications also known as (SPAs).

**Task 2:Flowchart**

Input =a,b

a==b

IF ElSE

Print ”if a is not equal to b”

Print ” if a is equal to b ”