

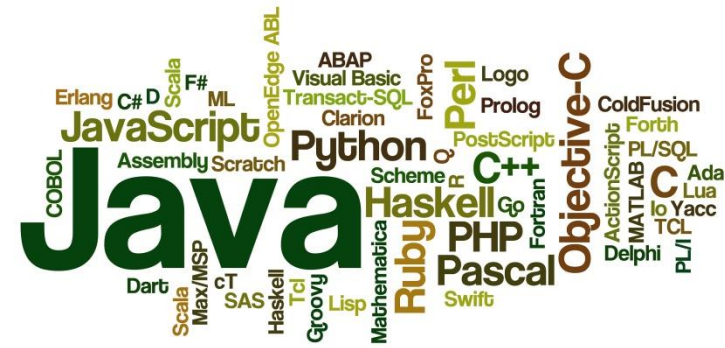
The background features a light blue and grey abstract design. A central smartphone is depicted with a search bar and a list of items on its screen. Surrounding the phone are various geometric shapes, including circles, lines, and a large stylized 'X' or 'A' shape, all in light blue and pink tones.

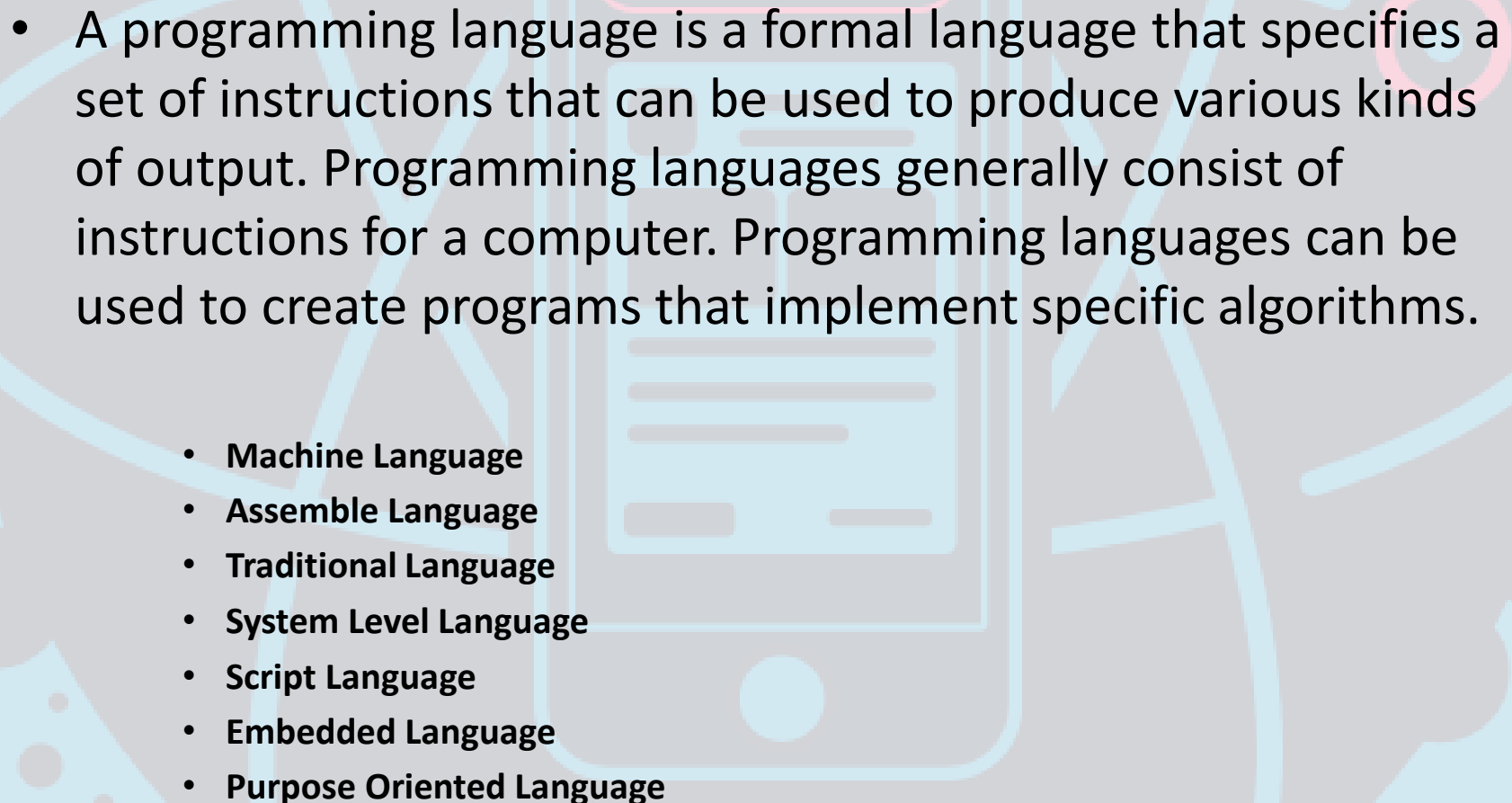
React Native

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Programming Language



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- A programming language is a formal language that specifies a set of instructions that can be used to produce various kinds of output. Programming languages generally consist of instructions for a computer. Programming languages can be used to create programs that implement specific algorithms.
- **Machine Language**
 - **Assemble Language**
 - **Traditional Language**
 - **System Level Language**
 - **Script Language**
 - **Embedded Language**
 - **Purpose Oriented Language**

Web & Mobile Development

- Web development broadly refers to the tasks associated with developing websites for hosting via intranet or internet. The web development process includes
 - **Client Side Development (Front End)**
 - **Server Side Development (Back End)**
- Mobile application development is the set of processes and procedures involved in writing software for small, wireless computing devices such as smartphones or tablets.
 - **Android**
 - **iOS**
 - **Windows**

What is Native Development?

- A **native** application is a software program that is developed for use on a particular platform or device
- **Native** apps can provide optimized performance
 - Native Development Kit (NDK)
 - Objective C

Why JavaScript ?

- Dynamic
- jQuery
- Model View Controller
- Backbone JS
- Angular JS
- React JS
- **Node JS**

Cross Platform Native Development


React Native

- Build native mobile apps using JavaScript and React
- A React Native app is a real mobile app
- Don't waste time recompiling
- React Native combines smoothly with components written in Objective-C, Java, or Swift
- Facebook Team

Platforms




Installation

- Setup Chocolatey (choco) 
 - <https://chocolatey.org/install>
- Install Node JS, Python2 & JDK
 - choco install -y nodejs.install python2 jdk8
- Install React Native Cli
 - npm install -g react-native-cli
- Install Android SDK / Xcode SDK

Upcoming Session

- Basics (JSX , Components, State , Props)
- Styling , Flexbox, Dimension
- Default Components
View,Text,Button,ListView,ScrollView
WebView,Images,Picker,Status Bar
Switch,Alert,Modal
- Advance Concept
Async Storage,HTTP,Camera Roll,Geo Location
Router

The background features a light blue and white abstract design. A central smartphone is depicted with a search bar at the top containing a magnifying glass icon and an 'x' icon. Below the search bar are several rectangular blocks representing app icons. The phone is surrounded by large, stylized, overlapping shapes in light blue and white, some resembling leaves or petals. There are also several small pink circles and larger pink circles with blue centers scattered throughout the background.

Any Query ?

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