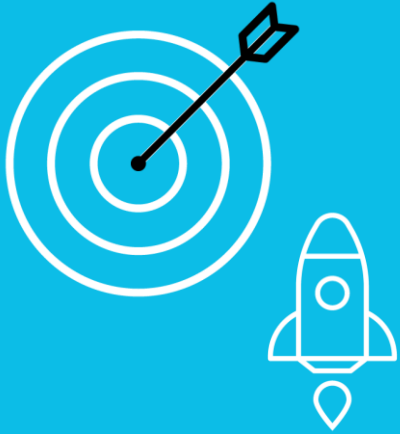


# Angular 8

## Lesson 1: Introduction to Angular 8

# KEY OBJECTIVES



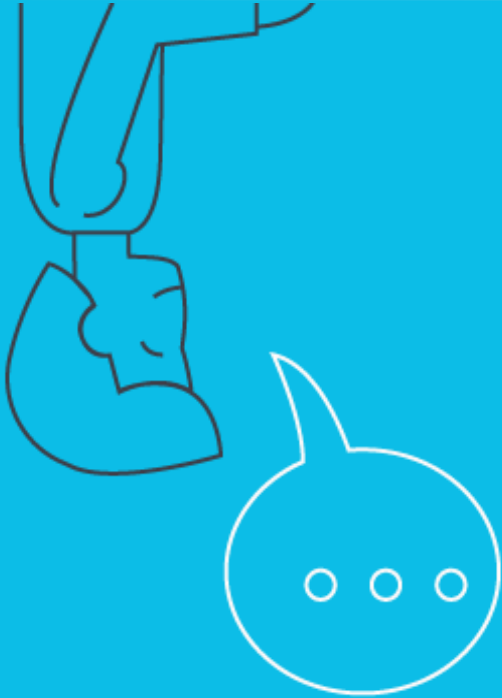
At the end of this lesson, you will be able to:

- Discuss what is Angular 8
- Discuss the various versions of Angular
- Define the features of Angular 8
- Discuss about Typescript and its features

# Introduction to Angular

Learn basics

# What is Angular 8?



Angular is a type-script based framework for a dynamic web application that provides an option to write a client-side application using JavaScript

Angular 8 is an updated version of previous Angular with some additional features



# Angular versions

## AngularJS

- It was developed and maintained by Google.
- It was released on October 20, 2010



## Angular 4

- It is an updated version of Angular 2.
- Smaller and faster



## Angular 6

- It was released on May 4, 2018.
- Its major focus was on ng update, ng add, CDK Components, RxJS v6 etc.



## Angular 8

- It is the latest version and was released on May 28, 2019.
- It focused on Dynamic imports for lazy routes, Angular Ivy as opt-in support etc.



## Angular 2

- Angular 2 is a complete rewrite of AngularJS.
- It was released on September 14, 2016.



## Angular 5

- It was the improved version of the Angular 4.
- It was released on November 1, 2017
- It improved the growth of web apps.



## Angular 7

- It was released on October 18, 2018.
- It focused on Application Performance, Angular Material & CDK, Virtual Scrolling, Improved Accessibility, etc.



# The Prominent Features of Angular 8

It supports Typescript 3.4

The new compiler is Ivy Rendering Engine for Angular 8

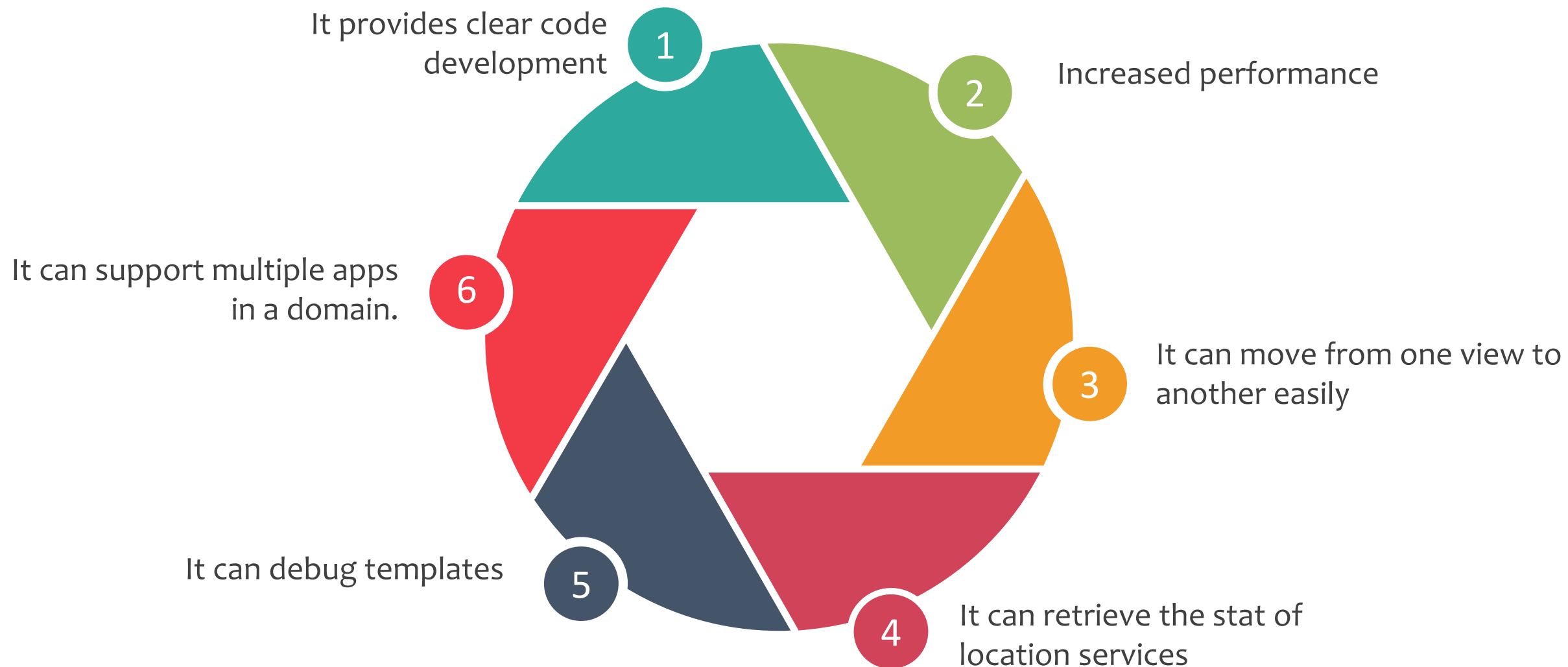
Enhancement of ngUpgrade

It supports Web Workers

It provides dynamic imports for lazy-loaded modules.

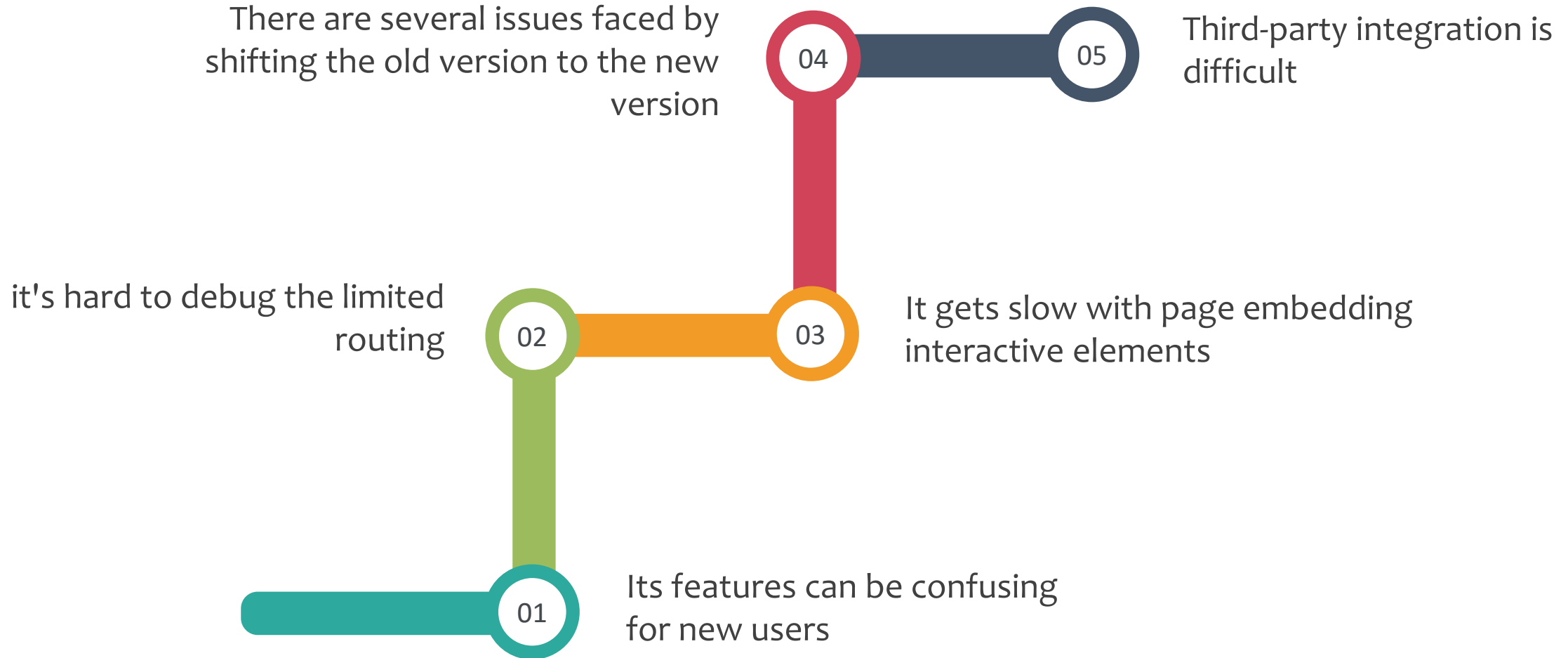


# Advantages of Angular 8



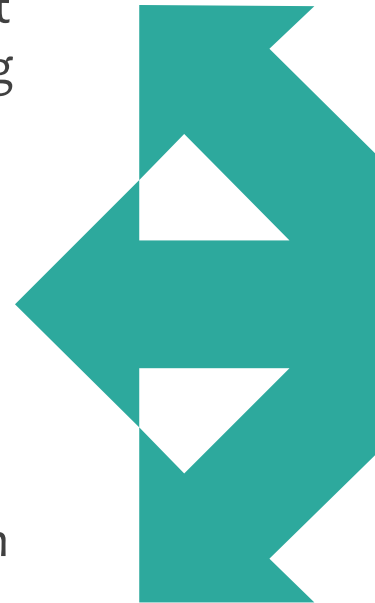


# Disadvantages of Angular 8





- Type script is an object oriented programming language
- It was developed and maintained by Microsoft
- Angular was written in typescript



Typescript



- Typescript is used to run Angular
- Typescript 3.4 is the current version running
- Angular 8 supports Typescript 3.4

# Features of Typescript



It is Object  
oriented language

It supports  
JavaScript libraries



Typescript is  
portable

It is DOM  
manipulated



Typescript is  
similar as  
JavaScript



## CHECK POINT



Angular is written in \_\_\_\_\_ language?

1. Java
2. JavaScript
3. Python
4. Typescript

## CHECK POINT

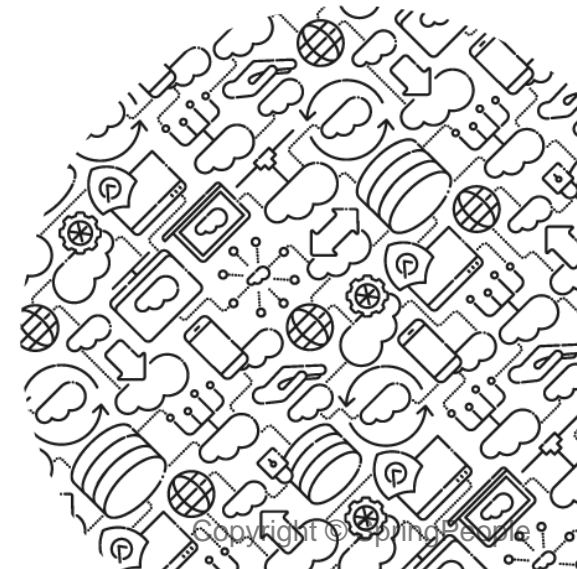


Angular is written in \_\_\_\_\_ language?

1. Java
2. JavaScript
3. Python
4. Typescript

## DOUBT'S

We wish you to take nothing except “Pure Learning.” Leave the doubt's to us.





## LET'S SUMMARIZE

- Angular is a type-script based framework for a dynamic web application that provides an option to write a client-side application using JavaScript
- Angular 8 is an updates version of previous version with additional features
- Angular 8 is written in typescript and also is used to run Angular8
- Typescript is an object oriented language and was developed and maintained by Microsoft
- Typescript is similar to JavaScript

# THANK YOU

