## Java Version 5.0 (release year: 2004)

- **Enhance for loop** or **for-each loop**

- **Autoboxing/Unboxing**

- **static import**

- **Generics**

- **Annotations**

- **Variable arguments or vargs**

- **Enumerations**

- **Scanner class**

## Java Version 7.0 (release year: 2011)

- **Strings in switch**

- **Automatic resource management in try-statement (try with resource feature )**

- **The diamond operator**

## Java Version 8.0 (release year: 2014)

- **Lambda expression**

- **Stream API**

- **Functional interface**

- **Iterable ForEach Method**

- **Optional Class**

- **Default and static method in interface**

- **Remove the permanent generation from GC**

## Java Version 9.0 (release year: 2017)

- **JShell - REPL Tool**

- **Interface Private Methods**

- **Improvements in Stream API**

- **New String Methods : *chars()***

- **New List Method : *of()***

## Java Version 11.0 (release year: 2018)

- **var keyword**

- **New String Methods : *isBlank()*, *lines()*, *strip()*, *stripLeading()*, *stripTrailing()*, and *repeat()*.**

- **New Files static Method : Files.*writeString()*, Files.*readString()***

- **New Collection Method : *toArray(IntFunction)***

- **New Predicate static Method : *not()***

- **we can directly run the file using the java command**

## Java Version 12.0 (release year: 2019)

- **Support for Unicode 11**

- **String New Methods : *indent(int), transform(Function)***

- **Switch Expression ( Preview )**

- **Pattern Matching with instanceOf() ( Preview )**

## Java Version 13.0 (release year: 2019)

- **Switch "yield" keyword**

- **Text Blocks**

## Java Version 14.0 (release year: 2019)

- **Switch Expression Standardized**

- **Escape Sequences " \ " and " \s " Added in Text Blocks**

- **Record Classes ( Preview )**

## Java Version 15.0 (release year: 2019)

- **Record Classes ( Preview )**

- **Sealed Classes**

- **Hidden Classes**

## Java Version 16.0 (release year: 2019)

- **Record Classes Standardized**

- **Pattern Matching Standardized**

## Java Version 17.0 (release year: 2019)

- **Pattern matching with switch ( Preview )**

- **Sealed Classes Standardized**