Flutter is an open-source UI software development kit created by Google. It is used to develop cross platform applications for Android, iOS, Linux, Mac, Windows, Google Fuchsia, and the web from a single codebase. First described in 2015, Flutter was released in May 2017

Dart is a programming language designed for client development, such as for the web and mobile apps. It is developed by Google and can also be used to build server and desktop applications. Dart is an object-oriented, class-based, garbage-collected language with C-style syntax

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| **S.N.** | **Flutter** | **Java** |
| 1. | It is a platform or tool to develop cross-platform applications. | It is a programming language that is used to develop and design cross-platform applications. |
| 2. | It uses dart programming to write code. | Itself a programming language to write code. |
| 3. | It is freely available. | It is also freely available in the market. |
| 4. | It provides an effective and flexible UI. | The UI is not so expressive or effective. |
| 5. | It provides material design. | It doesn't provide material design. |