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| Sr. No. | Key | String Buffer | String Builder |
| 1 | **Basic** | **String Buffer was introduced with the initial release of Java** | **It was introduced in Java 5** |
| 2 | **Synchronized** | **It is synchronized** | **It is not synchronized** |
| 3 | **Performance** | **It is thread-safe. So, multiple threads can’t access at the same time, therefore, it is slow.** | **It is not thread-safe hence faster than String Buffer** |
| 4 | **Mutable** | **It is mutable. We can modify string without creating an object** | **It is also mutable** |
| 5 | **Storage** | **Heap** | **Heap** |

**Difference between String buffer and String builder in Java**

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| --- | --- | --- | --- |
| 6 | Efficient | StringBuffer is less efficient than StringBuilder. | StringBuilder is more efficient than StringBuffer. |
| 7 | **Introduced** | **StringBuffer was introduced in Java 1.0** | **StringBuilder was introduced in Java 1.5** |