Difference between String Buffer and

String Builder

| **Sr. No.** | **Key** | **String Buffer** | **String Builder** |
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| 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 |
| 6 | example | Public class stringBuffer  {  Public static void main(String[] args)  {  StringBuffer Buffer=new stringBuffer(“hi”);  Buffer.append(“java 8”);  System .out.println(“stringbuffer”+buffer);  }  } | Public class stringBuilder  {  Public static void main(String[] args)  {  StringBuilder Builder=new stringBuilder(“hi”);  Builder.append(“java 8”);  System .out.println(“stringbuilder”+builder);  }  } |