**Java Important Questions**

s

1. String, StringBuilder and StringBuffer

| **Feature** | **String** | **StringBuilder** | **StringBuffer** |
| --- | --- | --- | --- |
| **Introduction** | Introduced in JDK 1.0 | Introduced in JDK 1.5 | Introduced in JDK 1.0 |
| **Mutability** | Immutable | Mutable | Mutable |
| **Thread Safety** | Thread Safe | Not Thread Safe | Thread Safe |
| **Memory Efficiency** | High | Efficient | Less Efficient |
| **Performance** | High(No-Synchronization) | High(No-Synchronization) | Low(Due to Synchronization) |
| **Usage** | This is used when we want immutability. | This is used when Thread safety is not required. | This is used when Thread safety is required. |

1. Integer Cache