PRIMARY AND QUALIFIER – WHICH SPRING ANNOTATION SHOULD BE USE?

For example:

```java
@Component @Primary
class QuickSort implement SortingAlgorithm {}

@Component
class BubbleSort implement SortingAlgorithm {}

@Component @Qualifier("RadixSortQualifier")
class RadixSort implement SortingAlgorithm {}

@Component
class ComplexAlgorithm
@Autowired
private SortingAlgorithm algorithm;

@Component
class AnotherComplexAlgorithm
@Autowired @Qualifier("RadixSortQualifier")
private SortingAlgorithm iWantToUseRadixSortOnly;
```

1. @Primary vs @Qualifier - Which one to use?
2. @Primary - A bean should be given preference when multiple candidates are qualified. @Qualifier - A specific bean should be auto-wired (name of the bean can be used as qualifier)
3. ALWAYS think from the perspective of the class using the SortingAlgorithm:
   a. Just @Autowired: Give me (preferred) SortingAlgorithm.
   b. @Autowired + @Qualifier: I only want to use specific SortingAlgorithm – RadixSort.
   c. (REMEMBER) @Qualifier has higher priority than @Primary.