

Java String.split() with Regular Expressions - Examples

1. Split by Space(s)

```
String input = "Java    is awesome";  
String[] parts = input.split("\\s+"); // One or more spaces
```

2. Split by Comma

```
String input = "apple,banana,grape";  
String[] parts = input.split(",");
```

3. Split by Multiple Delimiters (comma, semicolon, or pipe)

```
String input = "one,two;three|four";  
String[] parts = input.split("[,;|]");
```

4. Split by Digits

```
String input = "apple1banana2grape3";  
String[] parts = input.split("\\d"); // Split by each digit
```

5. Split by Non-Alphabetic Characters

```
String input = "Hello@World#Java";  
String[] parts = input.split("[^a-zA-Z]");
```

6. Split on Each Character

```
String input = "abc";  
String[] chars = input.split(""); // ["a", "b", "c"]
```

7. Split by Digits (One or More)

```
String input = "abc123def456ghi";  
String[] result = input.split("\\d+");
```

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```
// Output: [abc, def, ghi]
```