

# Regular Expressions in Java Notes

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- Resources

- **Java Pattern Documentation:** [link](#)
- **Online Java Regex tester:** [link](#)

- *STRING\_VAR.matches(...)*

- Tells if the string matches the given regular expression
- Is equivalent to ‘*REGEX\_EXPRESSION*\$’
- Can be used to validate something

```
1 Console console = System.console();
2 String zipCode = "90210";
3 if (zipCode.matches("^\\d{5}(-\\d{4})?$")) {
4     System.out.printf("%s is a valid zip code%n", zipCode); // <-
returns 90210 is a valid zip code
5 } else {
6     System.out.printf("%s is NOT a valid zip code%n", zipCode);
7 }
8
```

Listing 1: demo/Explore1.java

- *STRING\_VAR.split(...)*

- Splits string by the regex pattern

```
1
```

Listing 2: demo/Explore2.java