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import java.util.regex.Matcher;
import java.util.regex.Pattern;

public class ReplacingExample {
    public static void main(String[] args){
        String header = "<h1>This is an H1</h1>";

        Pattern p1 = Pattern.compile("h1");
        Matcher m1 = p1.matcher(header);
        if (m1.find()){
            header = m1.replaceAll("p");
            System.out.println(header);
        }
    }
}
```

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```
import java.util.regex.Matcher;
import java.util.regex.Pattern;

public class CustomCharClassExamples {
    public static void main(String[] args) {
        String t = "It was the best of times";

        Pattern p1 = Pattern.compile("w.s");
        Matcher m1 = p1.matcher(t);
        if (m1.find()) {
            System.out.println("Found: " + m1.group());
        }

        Pattern p2 = Pattern.compile("w[abc]s");
        Matcher m2 = p2.matcher(t);
        if (m2.find()) {
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        System.out.println("Found: " + m2.group());
    }

    Pattern p3 = Pattern.compile("t[^eou]mes");
    Matcher m3 = p3.matcher(t);
    if (m3.find()) { System.out.println("Found: " + m3.group());
    }
}
}

```

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public class StringBuilding {
    public static void main(String[] args){
        StringBuilder sb = new StringBuilder(500);

        sb.append(", the lightning flashed and the thunder rumbled.\n");
        sb.insert(0, "It was a dark and stormy night");

        sb.append("The lightning struck...\n").append("[ ");
        for(int i = 1; i < 11; i++){
            sb.append(i).append(" ");
        }
        sb.append("] times");

        System.out.println(sb.toString());
    }
}

```

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