


Commit

 This commit does not belong to any branch on this repository, and may belong to a fork outside of the repository.

Extract Method - 3

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 alanaolvra committed on Jun 27

1 parent [c0eaf99](#) commit [f4e8e57](#)

Showing 1 changed file with 16 additions and 14 deletions.

Whitespace

Ignore whitespace

Split

Unified

30



[src/main/java/br/edu/ifpe/petpalacy/util/ValidaCPF.java](#)

```
36 36 CPF = CPF.replace(".", "");
37 37 CPF = CPF.replace("-", "");
38 38
39 - if (CPF.equals("0000000000") || CPF.equals("1111111111")
40 -     || CPF.equals("2222222222") || CPF.equals("3333333333")
41 -     || CPF.equals("4444444444") || CPF.equals("5555555555")
42 -     || CPF.equals("6666666666") || CPF.equals("7777777777")
43 -     || CPF.equals("8888888888") || CPF.equals("9999999999")
44 -     || (CPF.length() != 11)) {
45 -     return (false);
39 + if (isValidFormat(CPF) || hasInvalidSequence(CPF) ||
40 +     hasInvalidCheckDigits(CPF)) {
41 +     return false;
42 + }
43 + return true;
44 + }
45 +
46 + private static boolean isValidFormat(String CPF) {
47 +     return (CPF.length() != 11);
48 + }
49 +
50 + private static boolean hasInvalidSequence(String CPF) {
51 +     return CPF.matches("^(\d)\1*$");
52 + }
53 +
```

```
48 54 + private static boolean hasInvalidCheckDigits(String CPF) {
49 55     char dig10, dig11;
50 56     int sm, i, r, num, peso;
51 57
52 58     try {
53 59         sm = 0;
54 60         peso = 10;
55 61         for (i = 0; i < 9; i++) {
56 62             num = (int) (CPF.charAt(i) - 48);
57 63             sm = sm + (num * peso);
58 64             peso = peso - 1;
80 86             dig11 = (char) (r + 48);
81 87         }
82 88
83 89 -         if ((dig10 == CPF.charAt(9)) && (dig11 == CPF.charAt(10))) {
84 90             return (true);
85 91         } else {
86 92             return (false);
87 93         }
88 94 +         return !(dig10 == CPF.charAt(9) && dig11 == CPF.charAt(10));
89 95     } catch (InputMismatchException erro) {
90 96         return (false);
91 97         return true;
92 98     }
93 99
94 100 }
```

0 comments on commit f4e8e57

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