# Please review the following code

The codes intent is to have a class that takes a number and returns the roman numeral string.

You task is to code review the code and identify issues that you would like to change keeping in mind coding best practices.

**import** UIKit

**class** RomanNumber {

**let** MAX\_VALUE = 3000

**let** minValue = 0

**var** number: Int {

**didSet** {

**if** (number > MAX\_VALUE) {

                number = MAX\_VALUE

            }

        }

    }

**init**(value: Int) {

**self**.number = value

    }

**func** convert() -> String {

**var** result = ""

**let** thousands = number / 1000

        result += times(thousands, character: "M")

**let** hundreds = number / 100 % 10

        result += times(hundreds, o: "C", f: "D", t: "M")

**let** tens = number / 10 % 10

        result += times(tens, o: "X", f: "L", t: "C")

**let** ones = number % 10

        result += times(ones, o: "I", f: "V", t: "X")

**return** result

    }

**private** **func** times(**\_** value: Int, character: String) -> String {

**var** result = ""

**for** **\_** **in** (0...value) {

            result += character

        }

**return** result

    }

**private** **func** times(**\_** value: Int, o: String, f: String, t: String) -> String {

**guard** value < 10 **else** {

            print("Only single digits allowed - not " + String(number))

**return** ""

        }

**switch** value {

**case** 0: **return** ""

**case** 1: **break**

**case** 2: **break**

**case** 3: **return** times(value, character: o);

**case** 4: **return** o + f

**case** 5: **break**

**case** 6: **break**

**case** 7: **break**

**case** 8: **return** f + times(number - 5, character: o)

**case** 9: **return** o + t

**default** : **break**

        }

**return** ""

    }

}

**var** number = RomanNumber(value: 1234)

number.convert()