**REGEX WORD VERIFICATION:**

import java.util.Scanner;

import java.util.regex.Pattern;

public class ConstantChecker {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter a word: ");

        String input = scanner.nextLine();

        // Unique regex patterns

        String stringConstant = "^\"[^\"]\*\"$";                     // Matches "Hello", "123"

        String intConstant = "^[+\\-^]?\\d+$";                     // Matches +10, -5, ^42

        String floatConstant = "^[+\\-^]?\\d\*\\.\\d+$";            // Matches -3.14, .75, ^1.0

        String charConstant = "^'.'$";                             // Matches 'a', '5', '\n'

        String booleanConstant = "^(True|False|true|false)$";                 // Matches True, False

        // Check input and verify using regex patterns and library

        if (Pattern.matches(stringConstant, input)) {

            System.out.println("This is a String Constant.");

        } else if (Pattern.matches(intConstant, input)) {

            System.out.println("This is an Integer Constant.");

        } else if (Pattern.matches(floatConstant, input)) {

            System.out.println("This is a Float Constant.");

        } else if (Pattern.matches(charConstant, input)) {

            System.out.println("This is a Char Constant.");

        } else if (Pattern.matches(booleanConstant, input)) {

            System.out.println("This is a Boolean Constant.");

        } else {

            System.out.println("Unknown input type.");

        }

        scanner.close();

    }

}

**UNIQUE KEYWORD FOR DEFINING A CONSTANT**

**“SEAL”**

**Declaring a Constant**

seal num PI = 3.14159;

seal num MAX\_USERS = 100;

**Sealing a Class (Like Java’s final class)**

seal class Config {

seal num timeout = 5000;

}

**Sealing a Function**

seal function getAppName() {

return "MyApp";

}