

File Edit Selection View Go Run ... Search [Administrator]

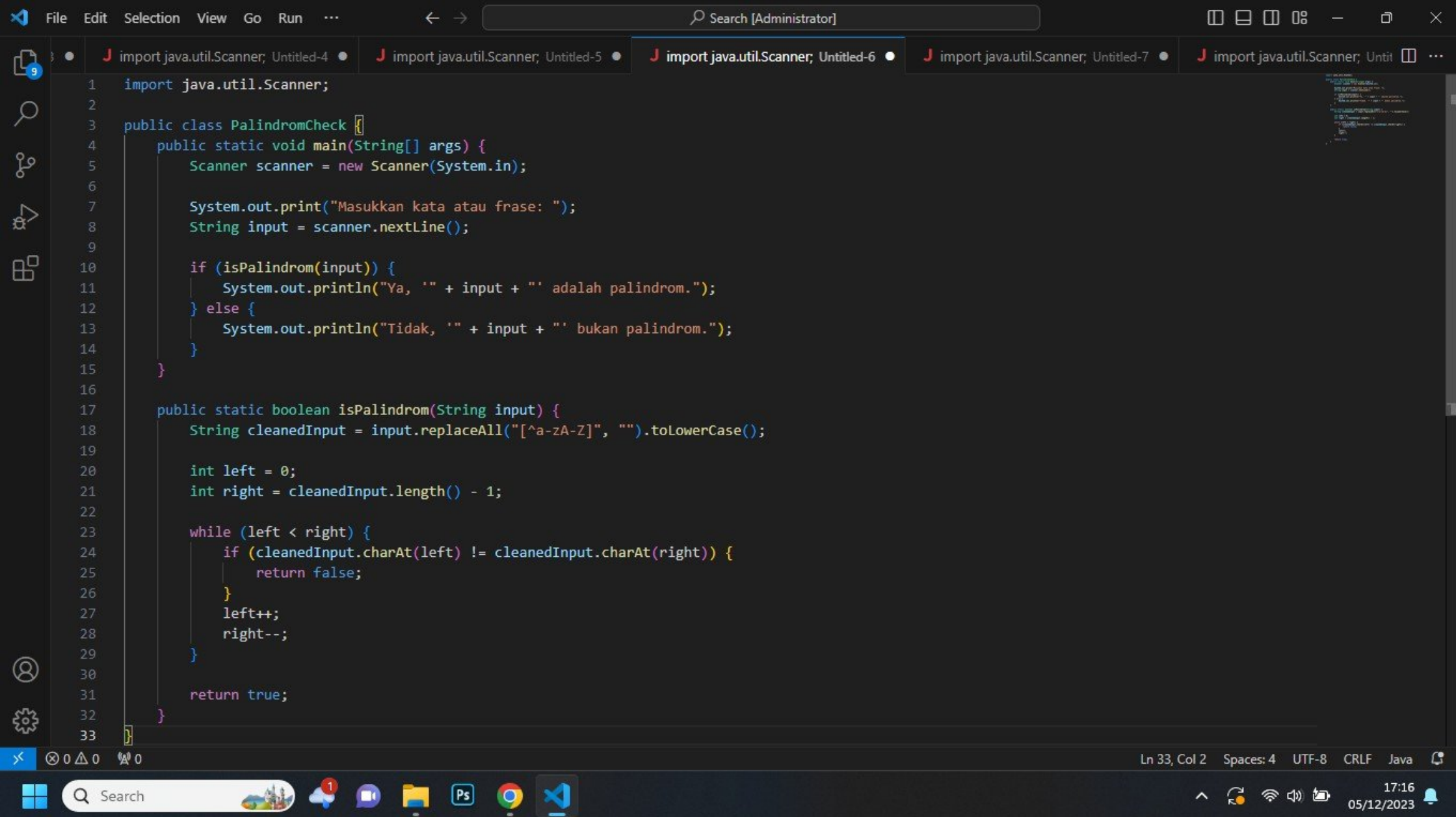
import java.util.Scanner; Untitled-4 • import java.util.Scanner; Untitled-5 • import java.util.Scanner; Untitled-6 • import java.util.Scanner; Untitled-7 • import java.util.Scanner; Untitled-8 •

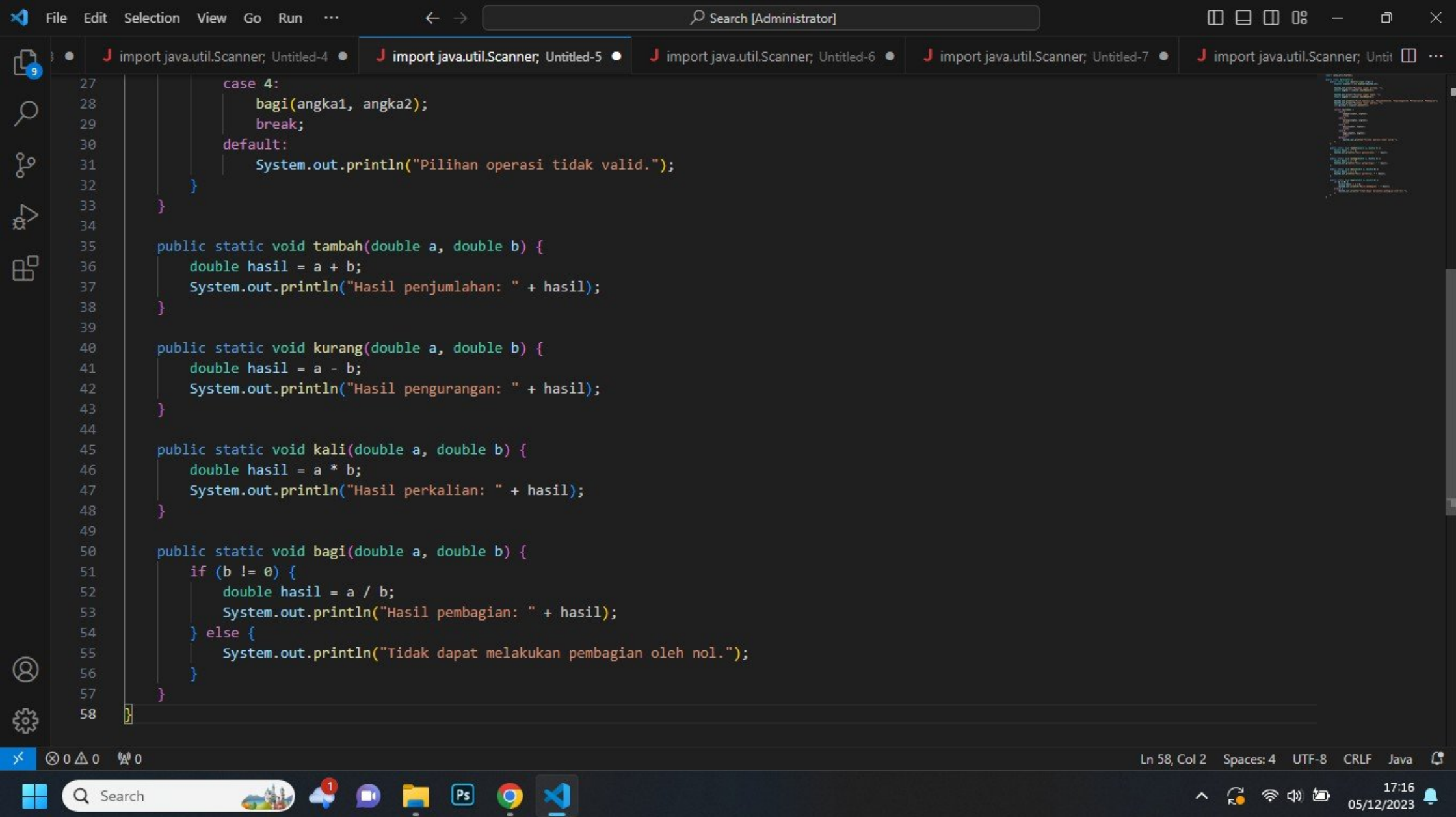
```
1 import java.util.Scanner;
2
3 public class Buku {
4     private String judul;
5     private String penulis;
6     private int tahunTerbit;
7     private boolean dipinjam;
8
9     public Buku(String judul, String penulis, int tahunTerbit) {
10         this.judul = judul;
11         this.penulis = penulis;
12         this.tahunTerbit = tahunTerbit;
13         this.dipinjam = false;
14     }
15
16     public void tampilkanInfoBuku() {
17         System.out.println("Informasi Buku:");
18         System.out.println("Judul: " + judul);
19         System.out.println("Penulis: " + penulis);
20         System.out.println("Tahun Terbit: " + tahunTerbit);
21         if (dipinjam) {
22             System.out.println("Status: Dipinjam");
23         } else {
24             System.out.println("Status: Tersedia");
25         }
26     }
27
28     public void pinjamBuku() {
29         if (!dipinjam) {
30             System.out.println("Buku dengan judul '" + judul + "' berhasil dipinjam.");
31             dipinjam = true;
32         } else {
33             System.out.println("Buku dengan judul '" + judul + "' sudah dipinjam sebelumnya.");
34         }
35     }
36 }
```

Ln 49, Col 2 Spaces: 4 UTF-8 CRLF Java

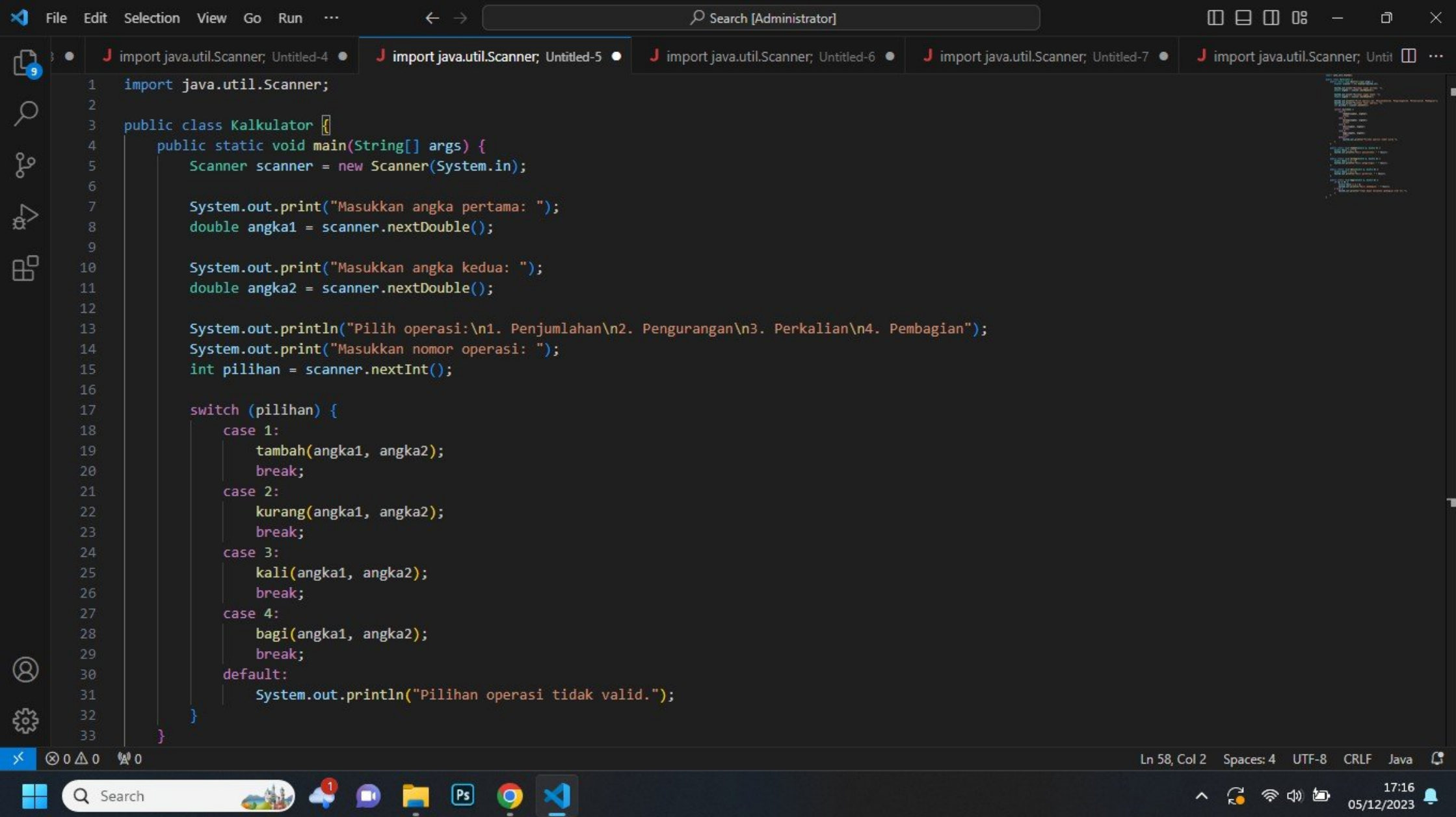
Search

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import java.util.Scanner; Untitled-5 • import java.util.Scanner; Untitled-6 • import java.util.Scanner; Untitled-7 • import java.util.Scanner; Untitled-8 • import java.util.Stack; Untitled-9 •

```
1 import java.util.Stack;
2
3 public class PeriksaKurung {
4     public static boolean cekUrutanKurung(String ekspresi) {
5         Stack<Character> stack = new Stack<>();
6
7         for (char karakter : ekspresi.toCharArray()) {
8             if (karakter == '(' || karakter == '[' || karakter == '{') {
9                 stack.push(karakter);
10            } else if (karakter == ')' || karakter == ']' || karakter == '}') {
11                if (stack.isEmpty()) {
12                    return false; // Kurung tutup tanpa pasangan kurung buka
13                }
14
15                char kurungBuka = stack.pop();
16                if (!pasanganKurung(kurungBuka, karakter)) {
17                    return false; // Tidak sesuai pasangan kurung
18                }
19            }
20        }
21
22        return stack.isEmpty(); // Jika stack kosong, urutan kurung benar
23    }
24
25    private static boolean pasanganKurung(char kurungBuka, char kurungTutup) {
26        return (kurungBuka == '(' && kurungTutup == ')') ||
27            (kurungBuka == '[' && kurungTutup == ']') ||
28            (kurungBuka == '{' && kurungTutup == '}');
29    }
30
31    public static void main(String[] args) {
32        String ekspresi1 = "((a + b) * (c - d))";
33        String ekspresi2 = "{[a + b] * (c - d)}";
```

Ln 40, Col 2 Spaces: 4 UTF-8 CRLF Java

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