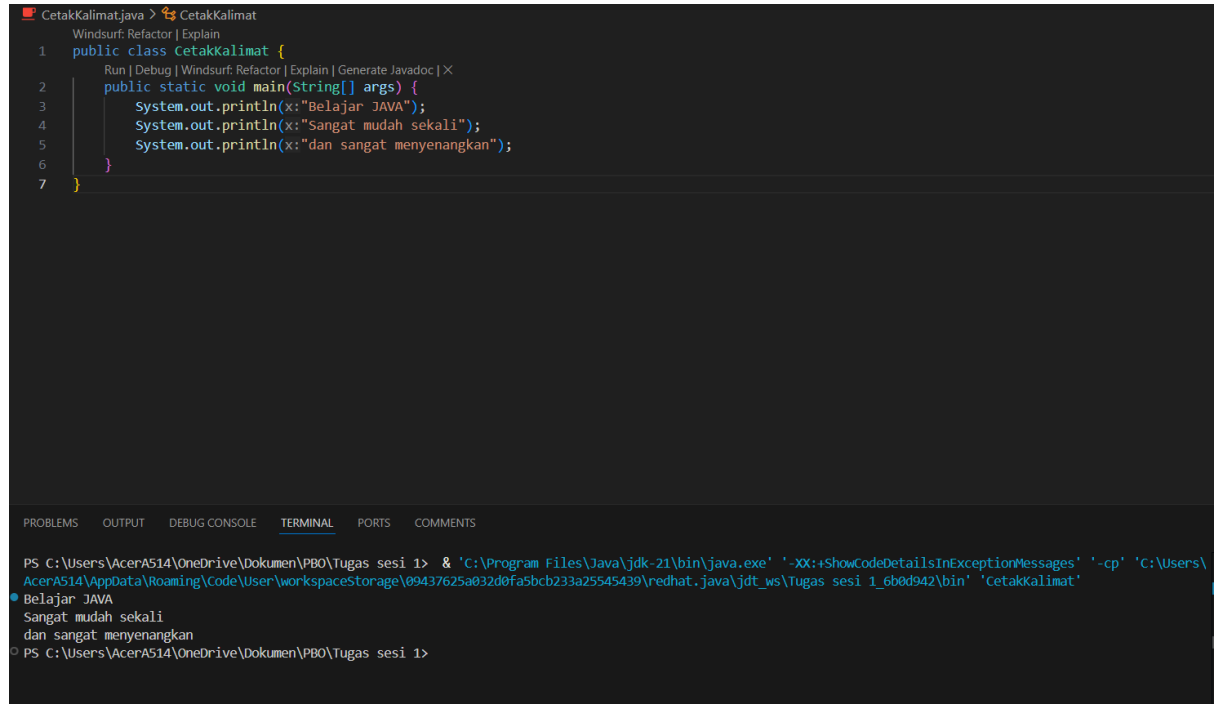


TUGAS PBO SESI 1

1.



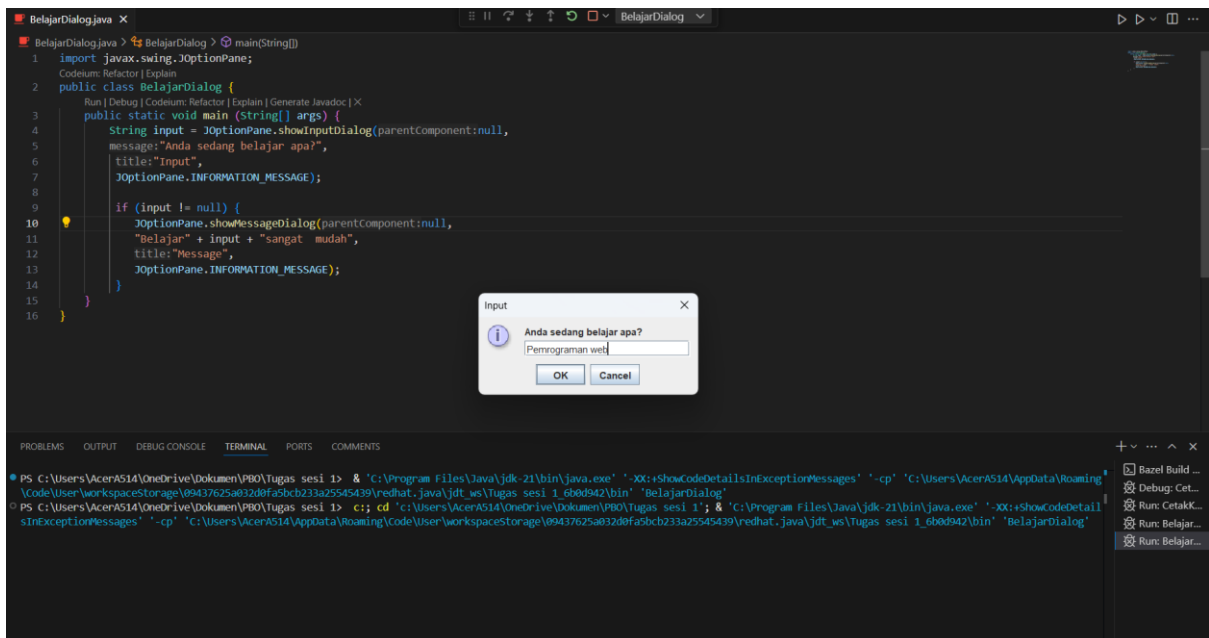
```
1 public class CetakKalimat {
2     public static void main(String[] args) {
3         System.out.println(x:"Belajar JAVA");
4         System.out.println(x:"Sangat mudah sekali");
5         System.out.println(x:"dan sangat menyenangkan");
6     }
7 }
```

PS C:\Users\AcerA514\OneDrive\Dokumen\PBO\Tugas sesi 1> & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\AcerA514\AppData\Roaming\Code\User\workspaceStorage\09437625a032d0fa5bcb233a25545439\redhat.java\jdt_ws\Tugas sesi 1_6b0d942\bin' 'CetakKalimat'

● Belajar JAVA
Sangat mudah sekali
dan sangat menyenangkan

○ PS C:\Users\AcerA514\OneDrive\Dokumen\PBO\Tugas sesi 1>

2.



```
1 import javax.swing.JOptionPane;
2 public class BelajarDialog {
3     public static void main (String[] args) {
4         String input = JOptionPane.showInputDialog(parentComponent:null,
5             message:"Anda sedang belajar apa?",
6             title:"Input",
7             JOptionPane.INFORMATION_MESSAGE);
8
9         if (input != null) {
10             JOptionPane.showMessageDialog(parentComponent:null,
11                 "Belajar" + input + "sangat mudah",
12                 title:"Message",
13                 JOptionPane.INFORMATION_MESSAGE);
14         }
15     }
16 }
```

Input

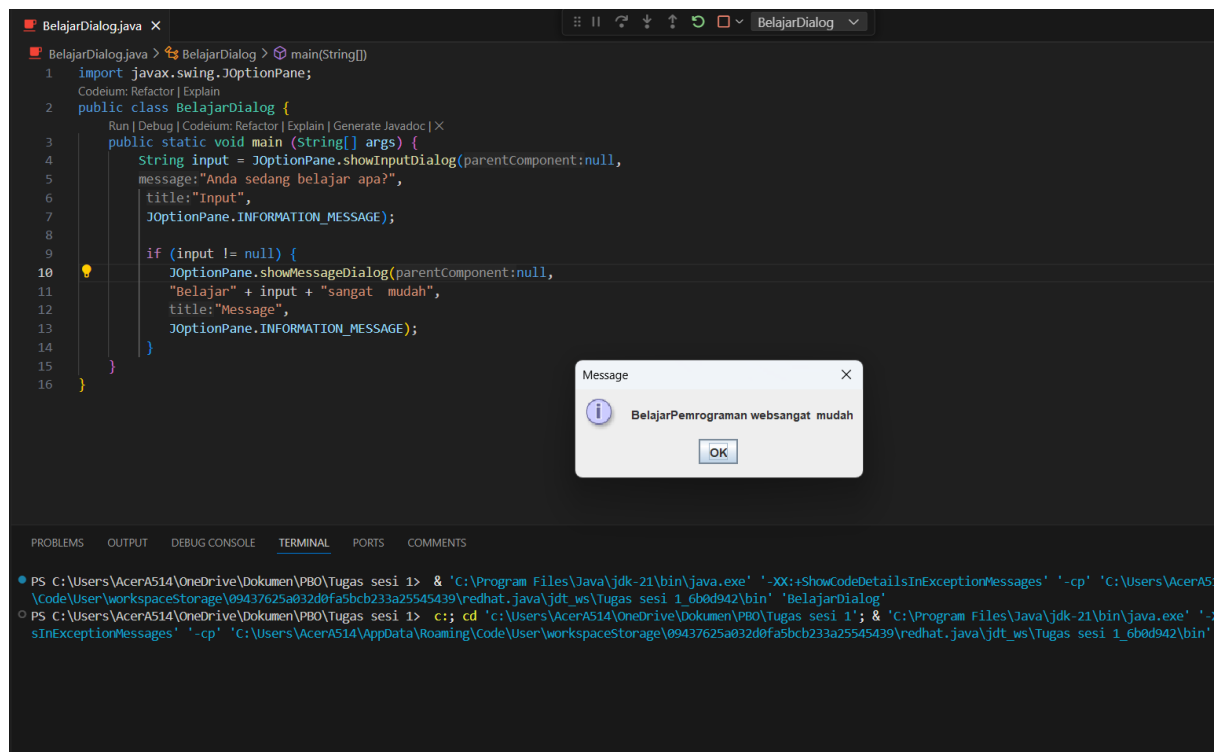
Anda sedang belajar apa?

Pemrograman web

OK Cancel

PS C:\Users\AcerA514\OneDrive\Dokumen\PBO\Tugas sesi 1> & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\AcerA514\AppData\Roaming\Code\User\workspaceStorage\09437625a032d0fa5bcb233a25545439\redhat.java\jdt_ws\Tugas sesi 1_6b0d942\bin' 'BelajarDialog'

PS C:\Users\AcerA514\OneDrive\Dokumen\PBO\Tugas sesi 1> c:; cd 'C:\Users\AcerA514\OneDrive\Dokumen\PBO\Tugas sesi 1'; & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\AcerA514\AppData\Roaming\Code\User\workspaceStorage\09437625a032d0fa5bcb233a25545439\redhat.java\jdt_ws\Tugas sesi 1_6b0d942\bin' 'BelajarDialog'



3. Versi terbaru JAVA: JAVA 21 (rilis September 2023)

Fitur terbaru:

- Record patterns: memudahkan pengolahan data.
- Virtual threads: performa proses konkuren lebih baik.
- Pattern matching for switch: switch statement lebih ringkas.
- Scoped values: efisiensi pengelolaan nilai dalam thread.

Kelebihan:

- Performa lebih cepat.
- Coding lebih ringkas.
- Switch lebih fleksibel.
- Penggunaan memori lebih efisien.