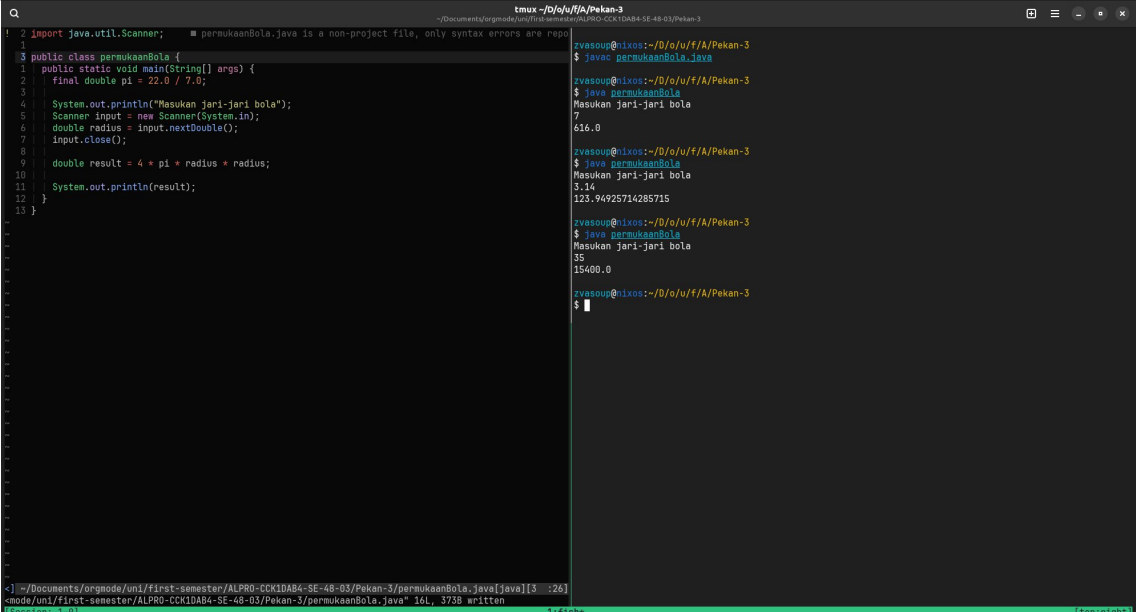
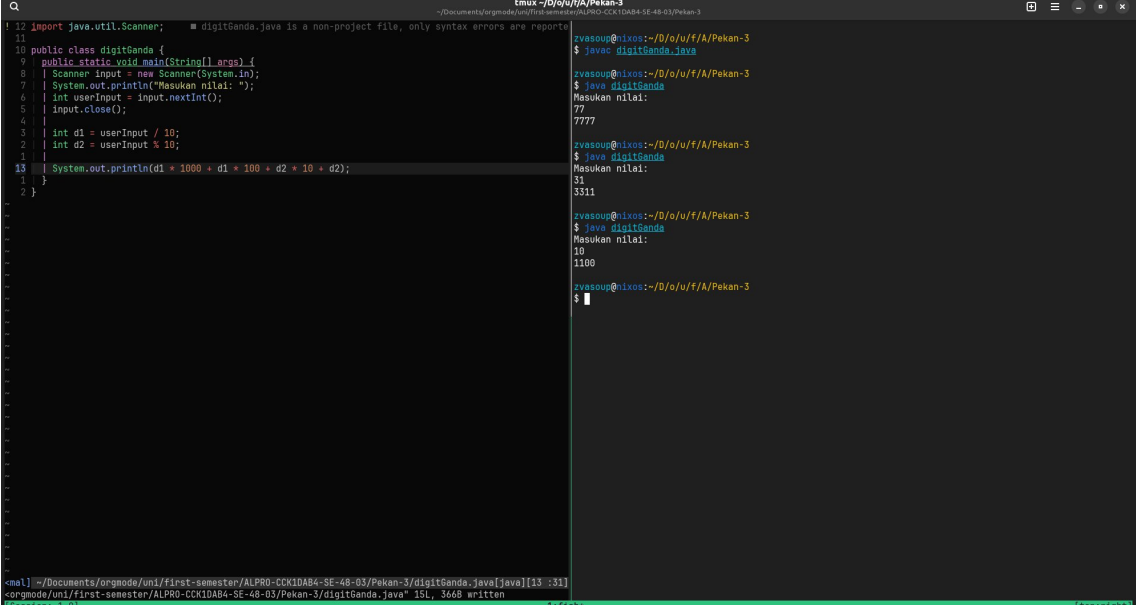
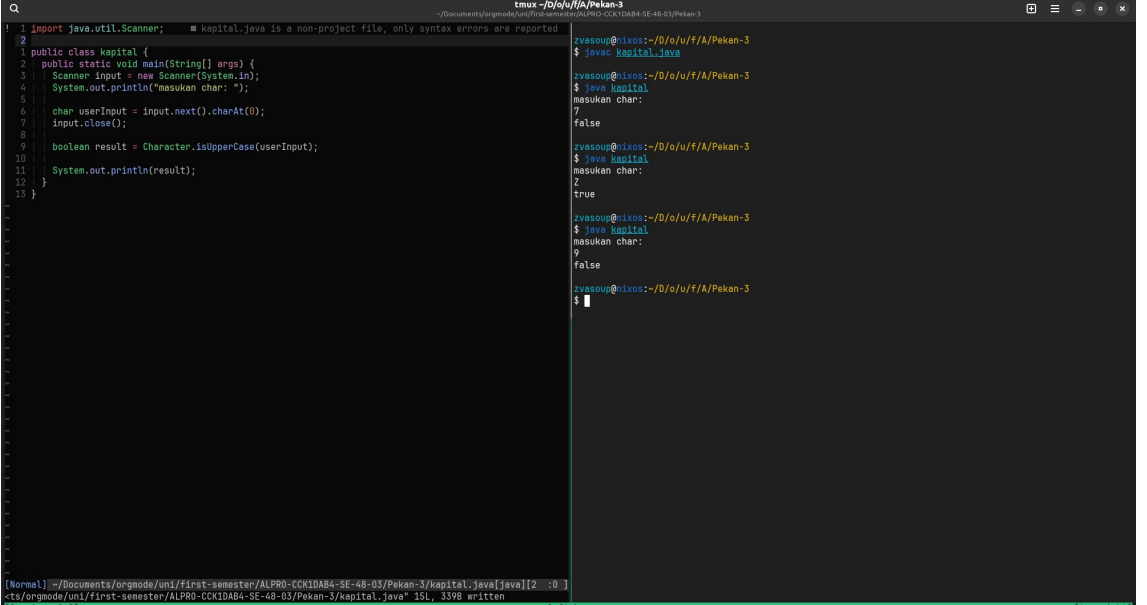
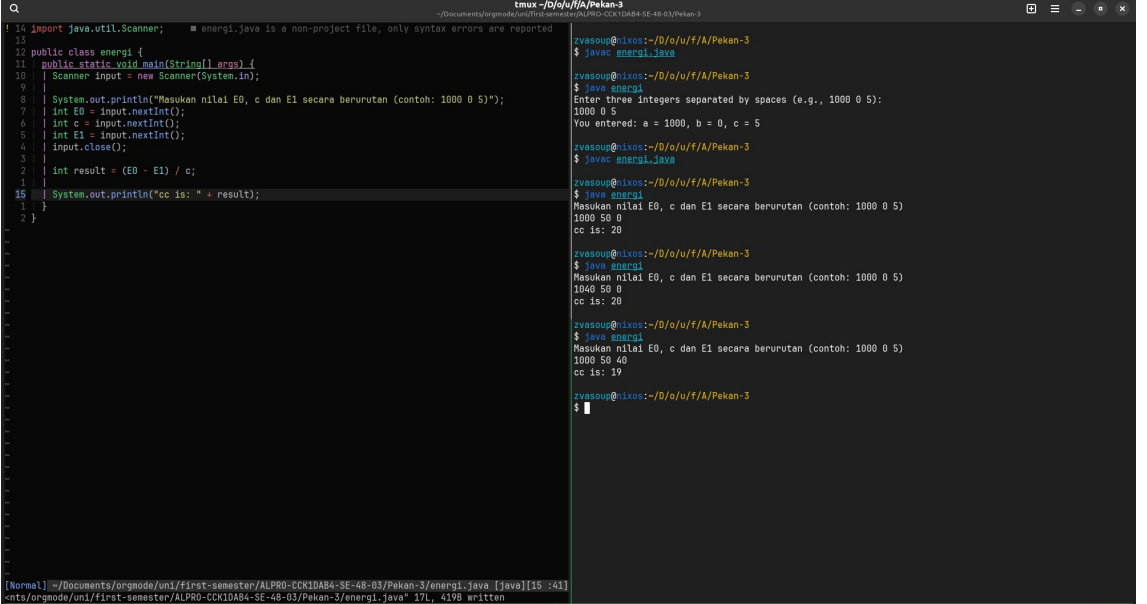


No.	Pseudocode	Java
1.	<p>Program Mencari Permukaan Bola</p> <p>Kamus</p> <p> r, result: real</p> <p> Const : pi : 22/7</p> <p>Algoritma</p> <p> input(r)</p> <p> result $\leftarrow (4 * pi * (r^2))$</p> <p> output(result)</p> <p>Endprogram</p>	 <pre>1 import java.util.Scanner; 2 3 public class permukaanBola { 4 public static void main(String[] args) { 5 final double pi = 22.0 / 7.0; 6 7 Scanner input = new Scanner(System.in); 8 double radius = input.nextDouble(); 9 input.close(); 10 11 double result = 4 * pi * radius * radius; 12 13 System.out.println(result); 14 } 15 }</pre> <p>Output:</p> <pre>Masukan jari-jari bola: 616.0 223.94925714285715 Masukan jari-jari bola: 35 15400.0</pre>
2.	<p>Program Digit Ganda</p> <p>Kamus</p> <p> d1, d2, userInput, result: integer</p> <p>Algoritma</p> <p> input(userInput)</p> <p> d1 \leftarrow userInput / 10</p> <p> d2 \leftarrow userInput % 10</p> <p> result $\leftarrow (d1 * 1000) + (d1 * 100) + (d2 * 10) + d2$</p> <p> output(result)</p> <p>Endprogram</p>	 <pre>1 import java.util.Scanner; 2 3 public class digitGanda { 4 public static void main(String[] args) { 5 Scanner input = new Scanner(System.in); 6 int userInput = input.nextInt(); 7 input.close(); 8 9 int d1 = userInput / 10; 10 int d2 = userInput % 10; 11 12 System.out.println(d1 * 1000 + d1 * 100 + d2 * 10 + d2); 13 } 14 }</pre> <p>Output:</p> <pre>Masukan nilai: 7777 7777 Masukan nilai: 31 3311 Masukan nilai: 10 1100</pre>

<p>3.</p>	<p>Program kapital</p> <p>Kamus</p> <p>karakter : char result: boolean</p> <p>Algoritma</p> <p>input(karakter) result \leftarrow Character.isUpperCase(karakter)</p> <p>output(result)</p> <p>Endprogram</p>	 <pre> 1 import java.util.Scanner; 2 public class kapital { 3 public static void main(String[] args) { 4 Scanner input = new Scanner(System.in); 5 System.out.println("masukan char: "); 6 char userInput = input.next().charAt(0); 7 input.close(); 8 boolean result = Character.isUpperCase(userInput); 9 System.out.println(result); 10 } 11 } </pre> <pre> zvasoup@nixos:~/D/o/u/f/A/Pekan-3 \$ javac kapital.java \$ java kapital masukan char: Z true \$ java kapital masukan char: z false </pre>
<p>4.</p>	<p>Program Energi</p> <p>Kamus</p> <p>E0, E1, c, cc : integer</p> <p>Algoritma</p> <p>input(E0, c, E1) cc \leftarrow (E0 - E1) / c</p> <p>output(cc)</p> <p>Endprogram</p>	 <pre> 14 import java.util.Scanner; 15 public class energi { 16 public static void main(String[] args) { 17 Scanner input = new Scanner(System.in); 18 System.out.println("Masukan nilai E0, c dan E1 secara berurutan (contoh: 1000 0 5)"); 19 int E0 = input.nextInt(); 20 int c = input.nextInt(); 21 int E1 = input.nextInt(); 22 input.close(); 23 int result = (E0 - E1) / c; 24 System.out.println("cc is: " + result); 25 } 26 } </pre> <pre> zvasoup@nixos:~/D/o/u/f/A/Pekan-3 \$ javac energi.java \$ java energi Masukan nilai E0, c dan E1 secara berurutan (contoh: 1000 0 5): 1000 0 5 You entered: a = 1000, b = 0, c = 5 \$ javac energi.java \$ java energi Masukan nilai E0, c dan E1 secara berurutan (contoh: 1000 0 5) 1000 50 0 cc is: 20 \$ java energi Masukan nilai E0, c dan E1 secara berurutan (contoh: 1000 0 5) 1000 50 40 cc is: 19 </pre>