Nama: Fauzan Zulfa Muhammad (103022400032)

Kelas: SE-48-03

Kode asprak: MNG

No.	Answer		
1.			
	True/False	Condition	
	false	intNum >5	
	true	intNum >= 5 && intOther < 11	
	true	sngNum != -1 intOther < 0	
	true	!(intNum > 3) intNum <= 5	
	false	!(intOther >= intNum)	
	true	0 - sngNum > 0	
	true	4/2 == intOther / intNum	
	true	intOther % 2 == 0	
	true	intOther + 2 * intNum != 30 !(sngNum > 0)	
	true	intOther > 0 && intNum > 0 sngNum > 0	
	true	sngNum > 0 (intNum >= 0 && -1 * intOther == -10)	
	true	intNum == 5	
	true	intNum > 0 (sngnum <= 0 && intOther == 13)	
	true	!(!(!(intNum > 0))))	
2.	Nilai akh	Nilai akhir variable result adalah 25	
	 Output p 	Output program adalah: Nilai akhir result: 25	
		1: x > 5 benar, selanjutnya cek apakah y < 10, dan hasilnya benar. Berarti result = x + y	
		2: z > 10 && x == 10 benar, berarti nilai result ditambah z	
		3: x == 10 y > 10 ya salah satu benar (x == 10) berarti nilai result ditambah 5	
		disi 4: !(x < 15 && y < 10) berarti pertama cek apakah x kurang dari 15 dan y kurang dari 10 lalu hasilnya di negasikan dampa	
		nasilnya jadi false berarti nilai result dikurang 10	

3.

```
tmux ~/D/o/u/f/A/Pekan-4
                                                                                                                                                                                                               ⊕ = - • ×
                                                                                                                   er/ALPRO-CCK1DAB4-SE-48-03/Pekan-4
 21 <u>import java.util.Scanner;</u> ■ soal3.java is a non-project file, only syntax errors are rep
  public class soal3 {
                                                                                                           $ javac soal3.java
    public static void main(String[] args) {
    | Scanner input = new Scanner(System.in);
                                                                                                           zvasoup@nixos:~/D/o/u/f/A/Pekan-4
                                                                                                           $ java soal3
       System.out.println("masukan tahun: (contoh: 2002)");
                                                                                                           masukan tahun: (contoh: 2002)
      int year = input.nextInt();
                                                                                                          masukan bulan: (tiga huruf, huruf pertama kapial)
       System.out.println("masukan bulan: (tiga huruf, huruf pertama kapial)");
       String month = input.next();
                                                                                                           Jan 2001 memiliki 31 hari
       input.close();
                                                                                                            zvasoup@nixos:~/D/o/u/f/A/Pekan-4
                                                                                                           $ java soal3
     | String[] listMonth = { "Jan", "Feb", "Mar", "Apr", "May", "Jun", "Jul", "Aug", "Sep",
                                                                                                           masukan tahun: (contoh: 2002)
   "Oct", "Nov", "Des" };
    | int[] totalDays = { 31, 28, 31, 30, 31, 30, 31, 30, 31, 30, 31 };
| String result = "\nInvalid Month. \n\nhere is the list of valid month:\n" + String.
                                                                                                           masukan bulan: (tiga huruf, huruf pertama kapial)
   join(", ", listMonth);
                                                                                                           Feb 2004 memiliki 29 hari
       if (year % 4 == 0) {
| totalDays[1] = 29;
                                                                                                           masukan tahun: (contoh: 2002)
      for (int i = 0; i < totalDays.length; i++) {
                                                                                                           masukan bulan: (tiga huruf, huruf pertama kapial)
       | if (month.equals(listMonth[i])) {
| | result = month + " " + year + " memiliki " + totalDays[i] + " hari";
                                                                                                           Invalid Month.
                                                                                                           here is the list of valid month:
       System.out.println(result);
                                                                                                          Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Des
                                                                                                           zvasoup@nixos:~/D/o/u/f/A/Pekan-4
~/Documents/orgmode/uni/first-semester/ALPRO-CCK1DAB4-SE-48-03/Pekan-4/soal3.java[java][22 :0 ]
lines yanked
                                                                                                             1:fish*
```

4.

```
tmux ~/D/o/u/f/A/Pekan-4
~/Documents/orgmode/uni/first-semester/ALPRO-CCK1DAB4-SE-48-03/Pekan-4
Q
                                                                                                                                                                                                        ⊕ ≡ - □ ×
 21 <u>import java.util.Scanner;</u> ■ soal4.java is a non-project file, only syntax errors are repo
 19 public class soal4 {
     public static void main(String[] args) {
                                                                                                       zvasoup@nixos:~/D/o/u/f/A/Pekan-4
$ java soal4
       Scanner input = new Scanner(System.in);
       | System.out.println("masukan true/false: ");
                                                                                                       masukan true/false:
       | String userInput = input.next();
                                                                                                        true
        input.close();
                                                                                                        User input is: true
        String result = "User input is: ";
                                                                                                        $ java soal4
         case "true":
| result += true;
                                                                                                        masukan true/false:
                                                                                                       false
                                                                                                       User input is: false
                                                                                                       zvasoup@nixos:~/D/o/u/f/A/Pekan-4
$ java soal4
                                                                                                        masukan true/false:
                                                                                                       User input is: Invalid (only true or false with lowercase)
            result += "Invalid (only true or false with lowercase)";
                                                                                                        zvasoup@nixos:~/D/o/u/f/A/Pekan-4
                                                                                                        $ java soal4
                                                                                                       masukan true/false:
        System.out.println(result);
                                                                                                       User input is: Invalid (only true or false with lowercase)
                                                                                                       zvasoup@nixos:~/D/o/u/f/A/Pekan-4
$ 
[] ~/Documents/orgmode/uni/first-semester/ALPRO-CCK1DAB4-SE-48-03/Pekan-4/soal4.java[java][22 :16]
<mode/uni/first-semester/ALPRO-CCK1DAB4-SE-48-03/Pekan-4/soal4.java" 28L, 565B written</pre>
                                                                                                          1:fish*
```