

**PERTEMUAN 11**  
**FLOWCHART NESTED LOOP**



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Teknik Informatika

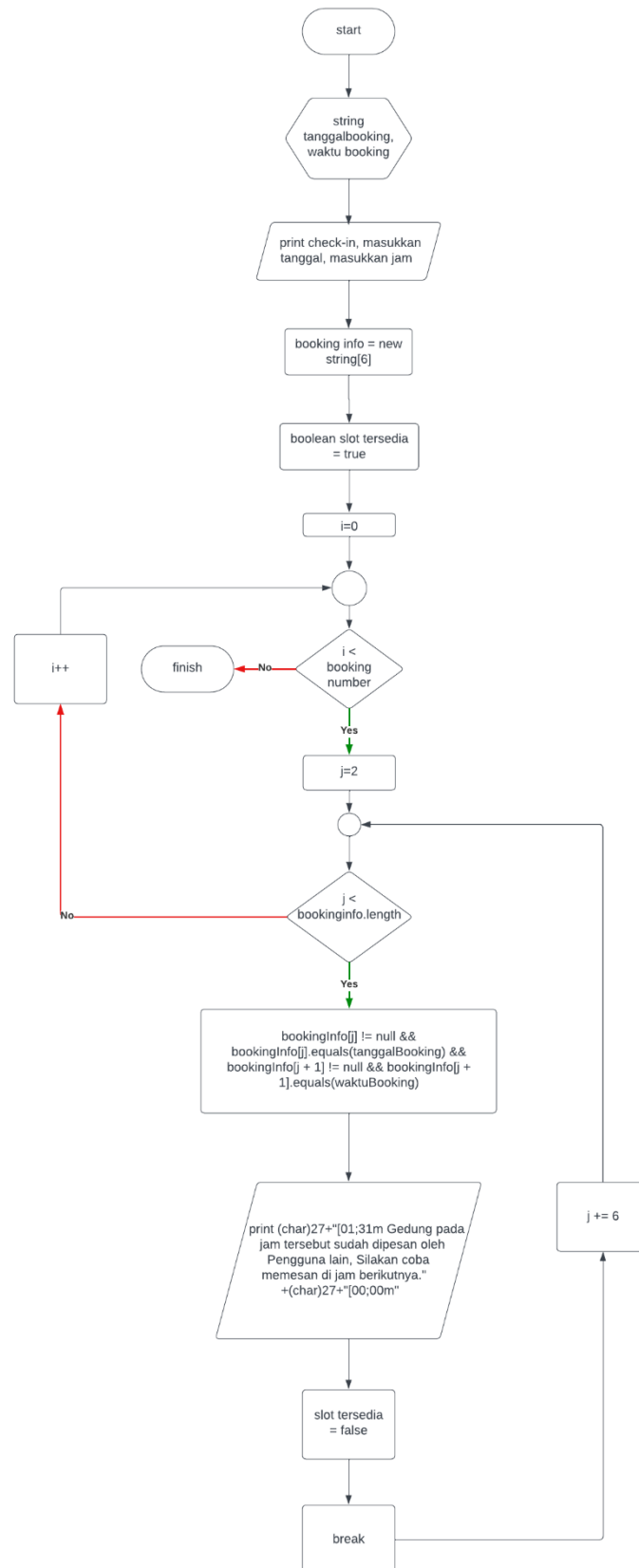
Teknologi Informatika

Politeknik Negeri Malang

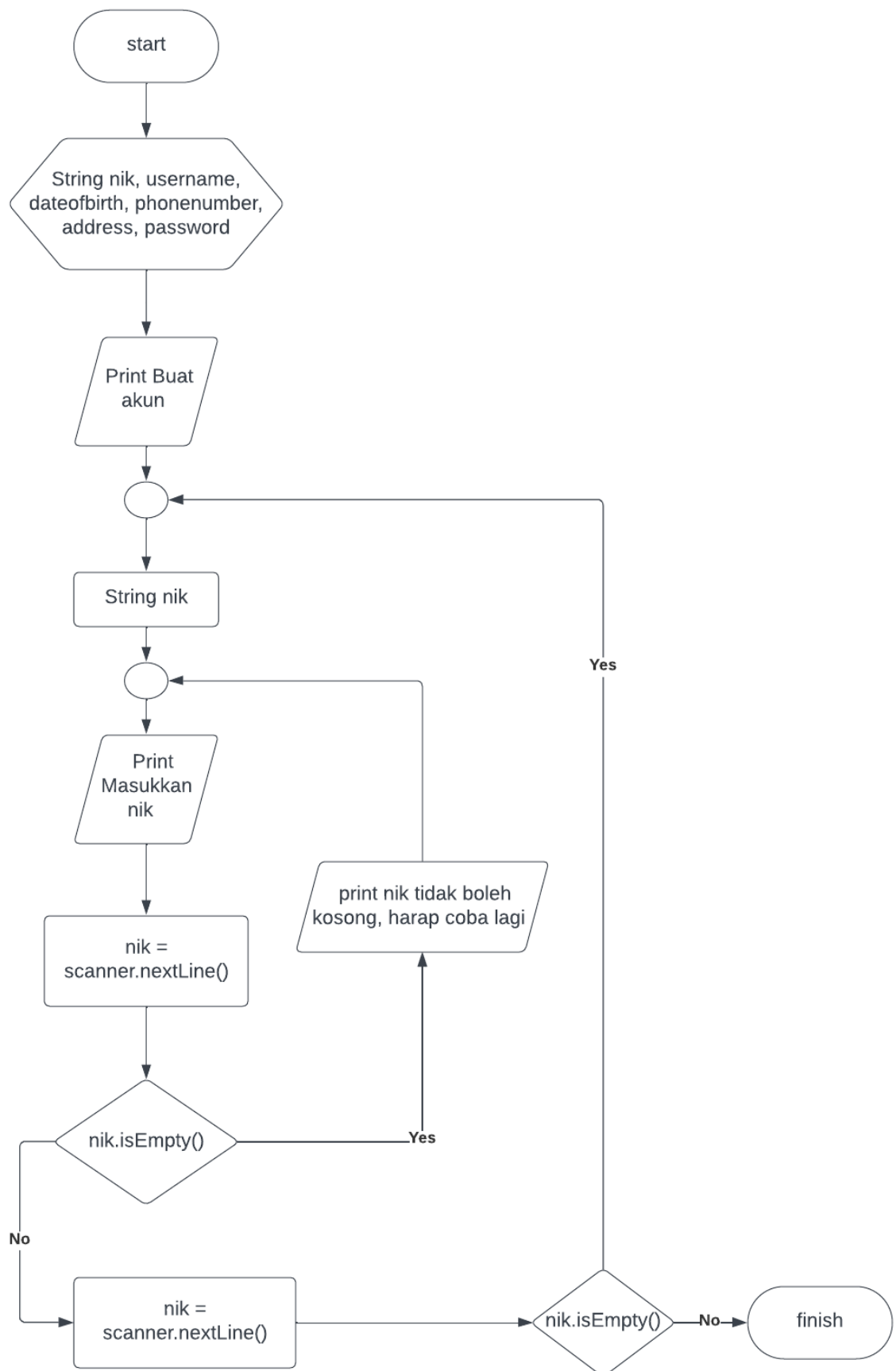
2023/2024

## Flowchart Fitur Proyek

### 1. Check-in

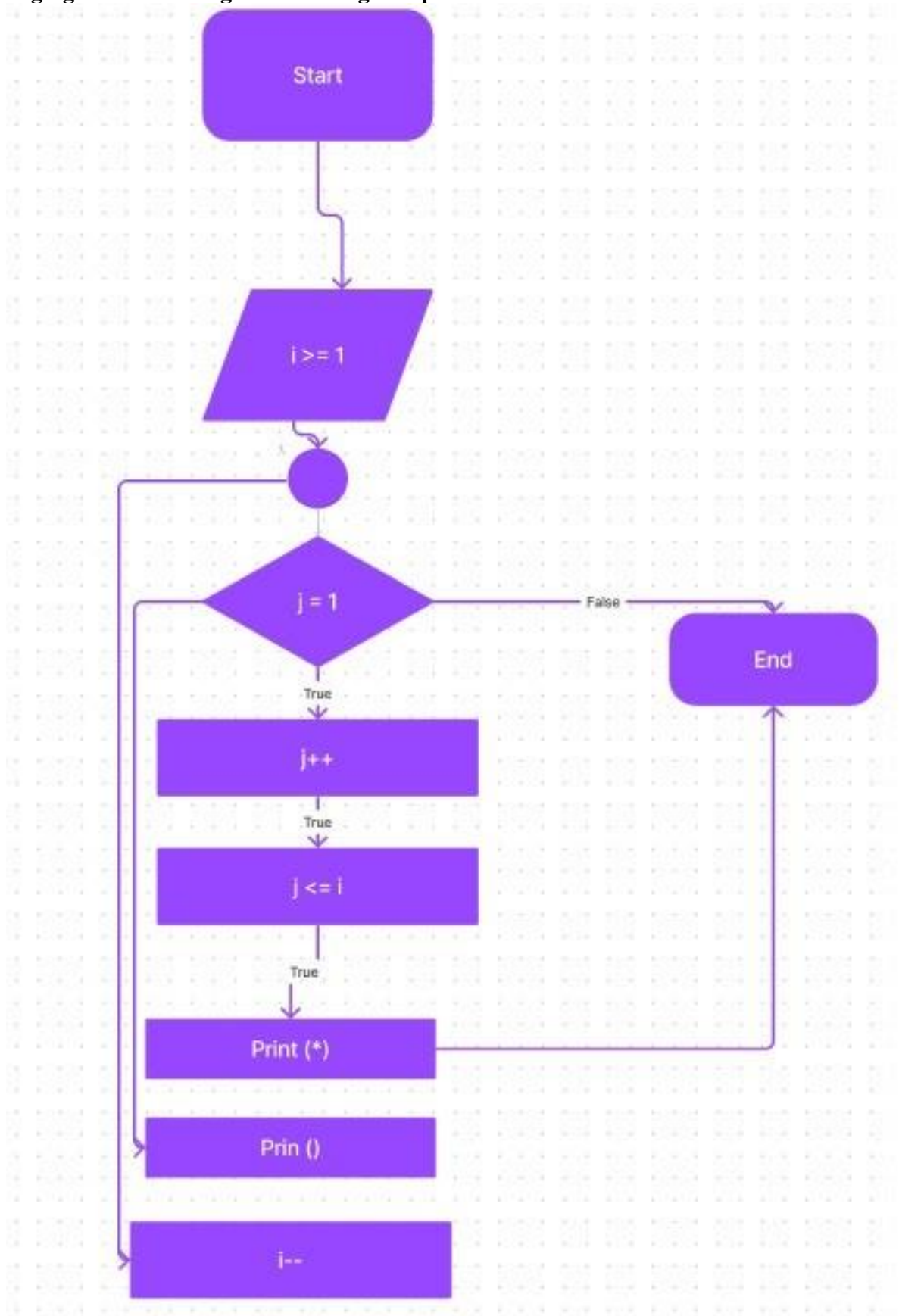


## 2. Buat Akun

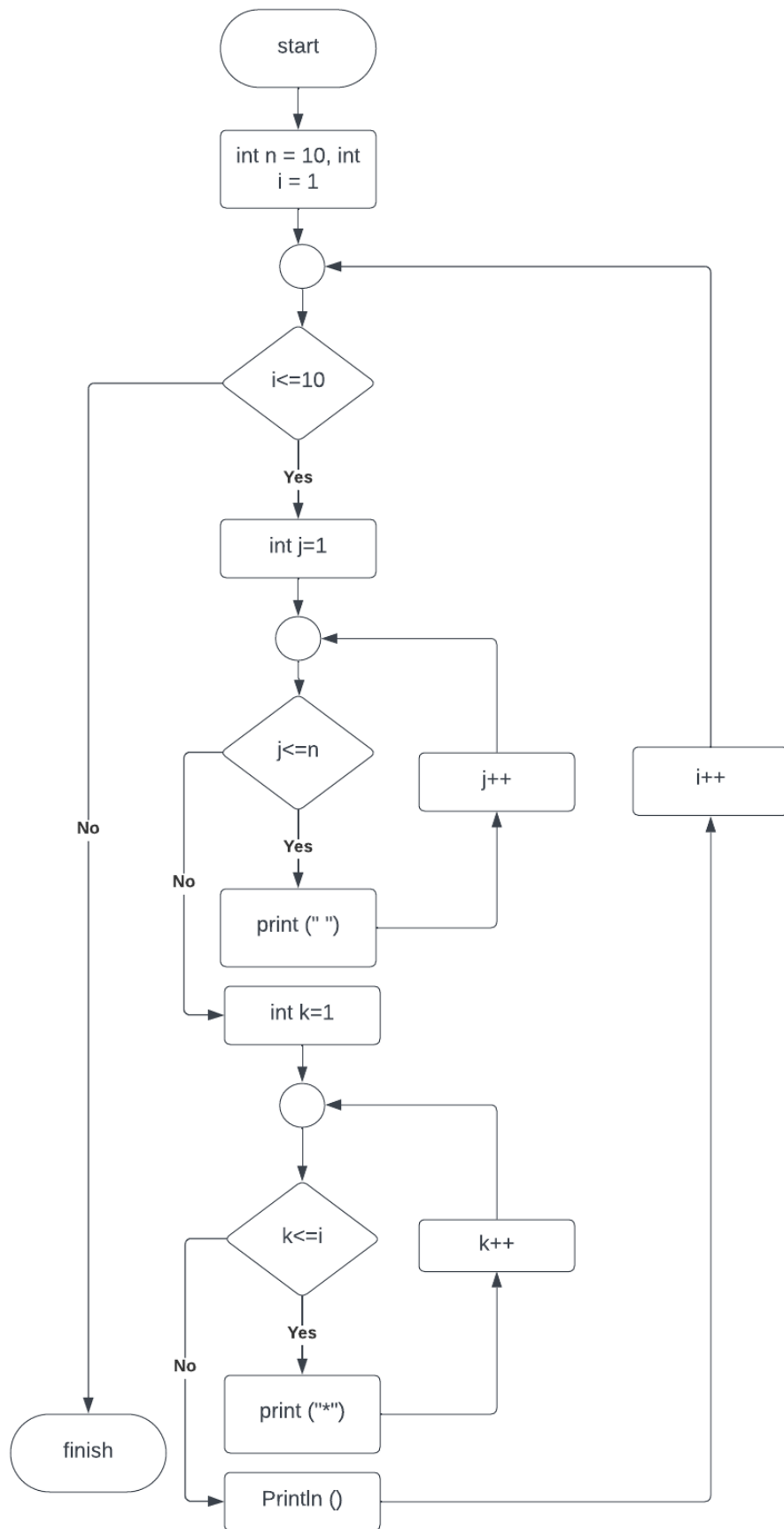


## Flowchart Individu 1

### 1. Segitiga terbalik dengan siku menghadap ke kiri



## 2. Segitiga dengan siku siku menghadap ke kanan



## Tugas Individu

### Membuat Studi Kasus

```
import java.util.Scanner;

public class Lingkaran {
    ....public static void main(String[] args) {
    ....Scanner sc = new Scanner(System.in);
    ....System.out.print("Masukkan nilai radius lingkaran: ");
    ....int radius = sc.nextInt();
    ....int diameter = 2 * radius;

    ....for (int i = 0; i <= diameter; i++) {
    ....for (int j = 0; j <= diameter; j++) {
    ....double distance = Math.sqrt((i - radius) * (i - radius) + (j - radius) * (j - radius));
    ....if (Math.abs(distance - radius) < 0.5) {
    ....System.out.print("*");
    ....} else {
    ....System.out.print(" ");
    ....}
    ....}
    ....System.out.println();
    ....}
    ....}
}
```

### Output

```
Masukkan nilai radius lingkaran: 5
*****
 *      *
 *      *
*        *
*        *
*        *
*        *
*        *
 *      *
 *      *
*****
```

## Flowchart

