

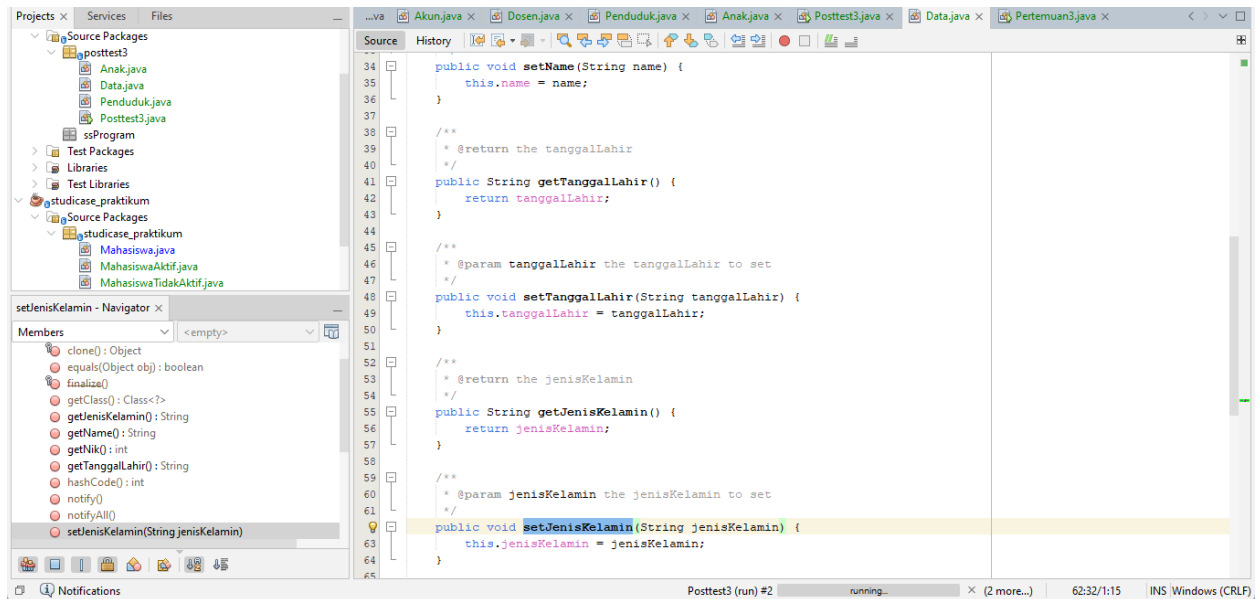
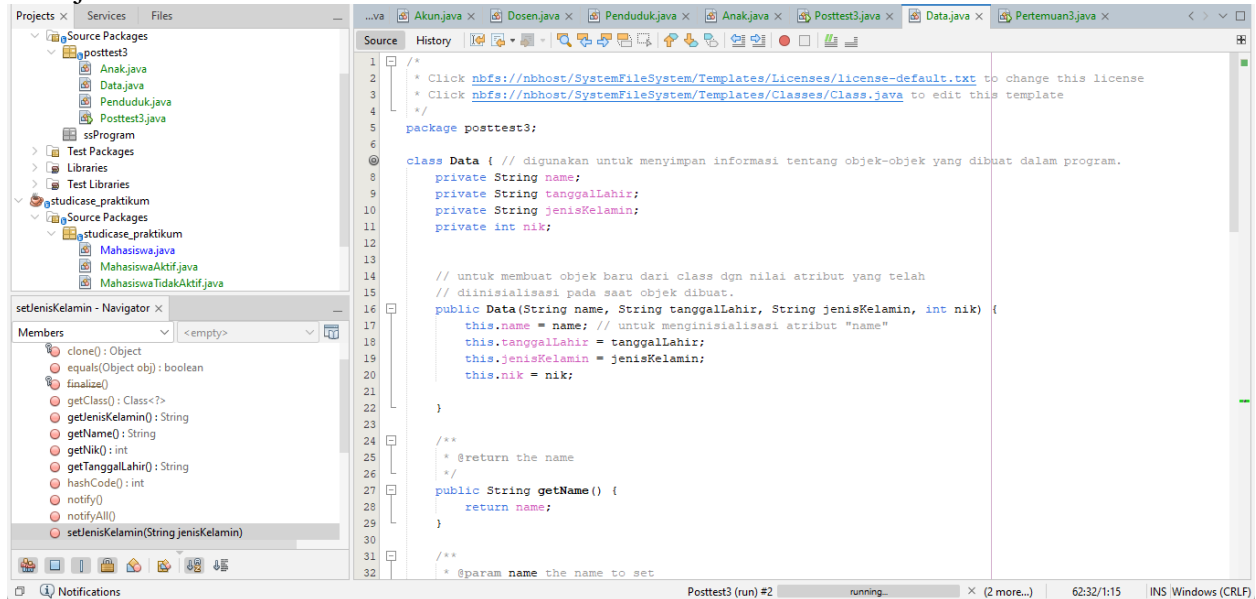
## POSTTEST 3 PBO

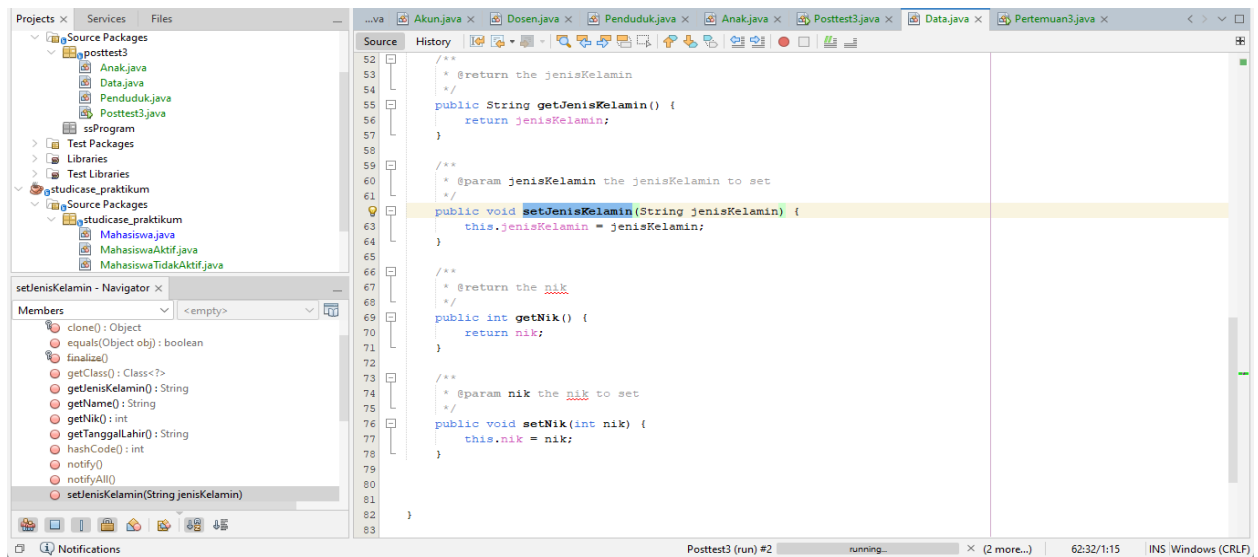
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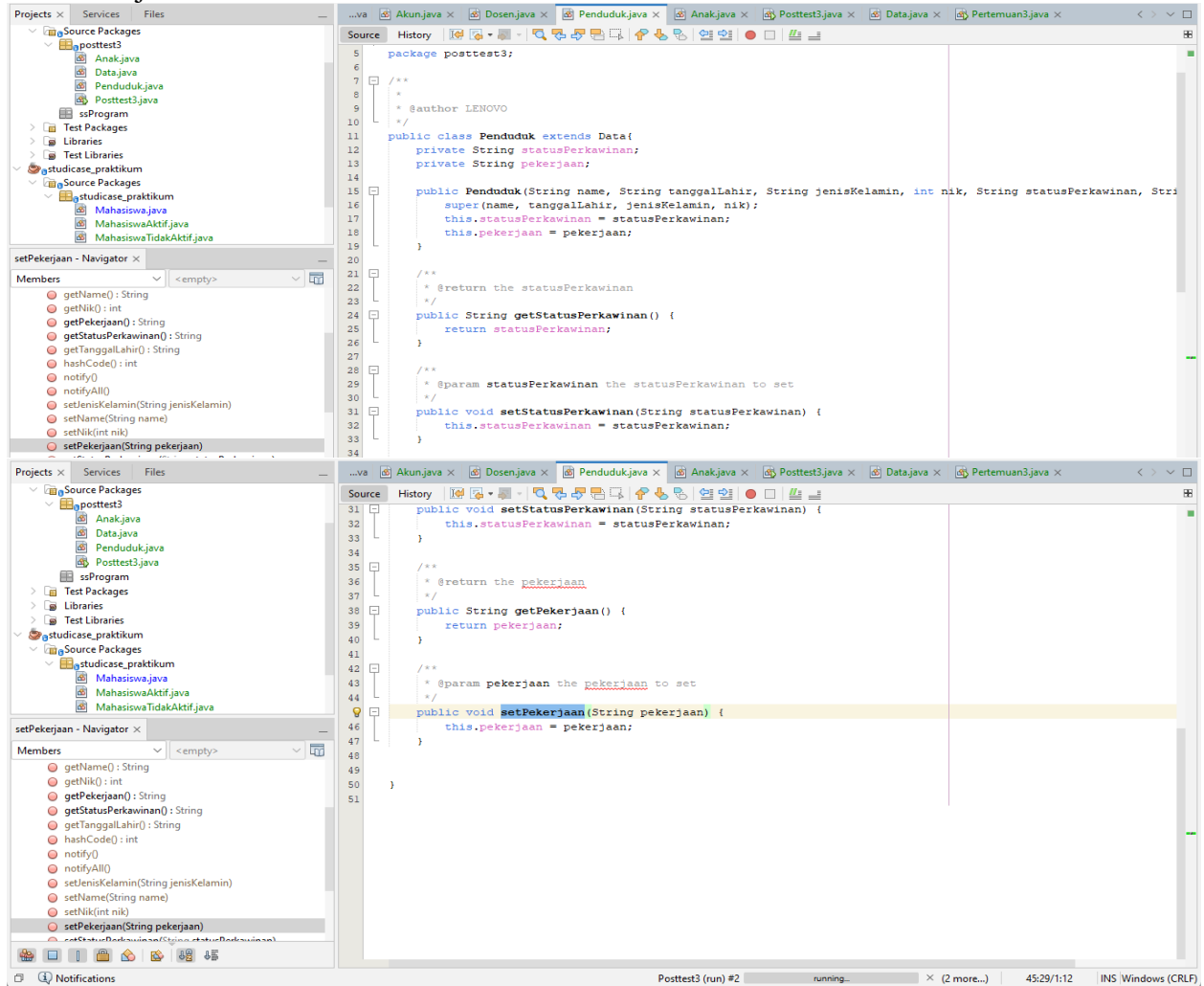
Kelas: Informatika C1 2021

### Data.java





## Penduduk.java



# Anak.java

The image shows a screenshot of an IDE with the following components:

- Project Explorer (Left):** Displays the project structure. The 'Source Packages' folder is expanded, showing 'posttest3' and 'studicase\_praktikum'. The 'studicase\_praktikum' folder is further expanded, showing 'Mahasiswa.java', 'MahasiswaAktif.java', and 'MahasiswaTidakAktif.java'.
- Navigator (Left):** Shows the members of the 'setNamaKepalaKeluarga' class. The members listed are:
  - getJenisKelamin(): String
  - getNamaKepalaKeluarga(): String
  - getName(): String
  - getNik(): int
  - getNoKartuKeluarga(): int
  - getTanggalLahir(): String
  - hashCode(): int
  - notif()
  - notify()
  - notifyAll()
  - setJenisKelamin(String jenisKelamin)
  - setNamaKepalaKeluarga(String NamaKepalaKeluarga)
- Source Editor (Top):** Shows the code for the 'Anak' class. The code is as follows:

```
package posttest3;

/**
 * @author LENOVO
 */
public class Anak extends Data {
    private int NoKartuKeluarga;
    private String NamaKepalaKeluarga;

    public Anak(String name, String tanggalLahir, String jenisKelamin, int nik, int NoKartuKeluarga, String NamaKepalaKeluarga) {
        super(name, tanggalLahir, jenisKelamin, nik);
        this.NoKartuKeluarga = NoKartuKeluarga;
        this.NamaKepalaKeluarga = NamaKepalaKeluarga;
    }

    /**
     * @return the NoKartuKeluarga
     */
    public int getNoKartuKeluarga() {
        return NoKartuKeluarga;
    }

    /**
     * @param NoKartuKeluarga the NoKartuKeluarga to set
     */
    public void setNoKartuKeluarga(int NoKartuKeluarga) {
        this.NoKartuKeluarga = NoKartuKeluarga;
    }
}
```
- Source Editor (Bottom):** Shows the code for the 'setNamaKepalaKeluarga' method. The code is as follows:

```
/**
 * @return the NamaKepalaKeluarga
 */
public String getNamaKepalaKeluarga() {
    return NamaKepalaKeluarga;
}

/**
 * @param NamaKepalaKeluarga the NamaKepalaKeluarga to set
 */
public void setNamaKepalaKeluarga(String NamaKepalaKeluarga) {
    this.NamaKepalaKeluarga = NamaKepalaKeluarga;
}

public void notif() {
    System.out.println("Berhasil ditambahkan dikategori Anak - anak.");
}
```

# Posttest3.java

The image displays three sequential screenshots of an IDE (IntelliJ IDEA) showing the development and execution of a Java program named `Posttest3.java`.

**Top Screenshot:** The IDE shows the project structure on the left, including `Source Packages` and `Test Packages`. The main editor displays the initial code for `Posttest3`, which imports `java.io.BufferedReader`, `java.io.InputStreamReader`, `java.io.IOException`, and `java.util.ArrayList`. The code defines a `Posttest3` class with a `froze()` method and a `tambahData()` method.

**Middle Screenshot:** The IDE shows the code after adding input logic for `Penduduk` and `Anak`. The `froze()` method is updated to prompt the user for input and store it in `listPdk` and `listAnk`. The `tambahData()` method is updated to prompt the user for input and store it in `listPdk` and `listAnk`.

**Bottom Screenshot:** The IDE shows the code after adding output logic for viewing data. The `lihatData()` method is added, which prompts the user to select a data type (Penduduk or Anak) and then displays the stored data.

