SS PROGRAM
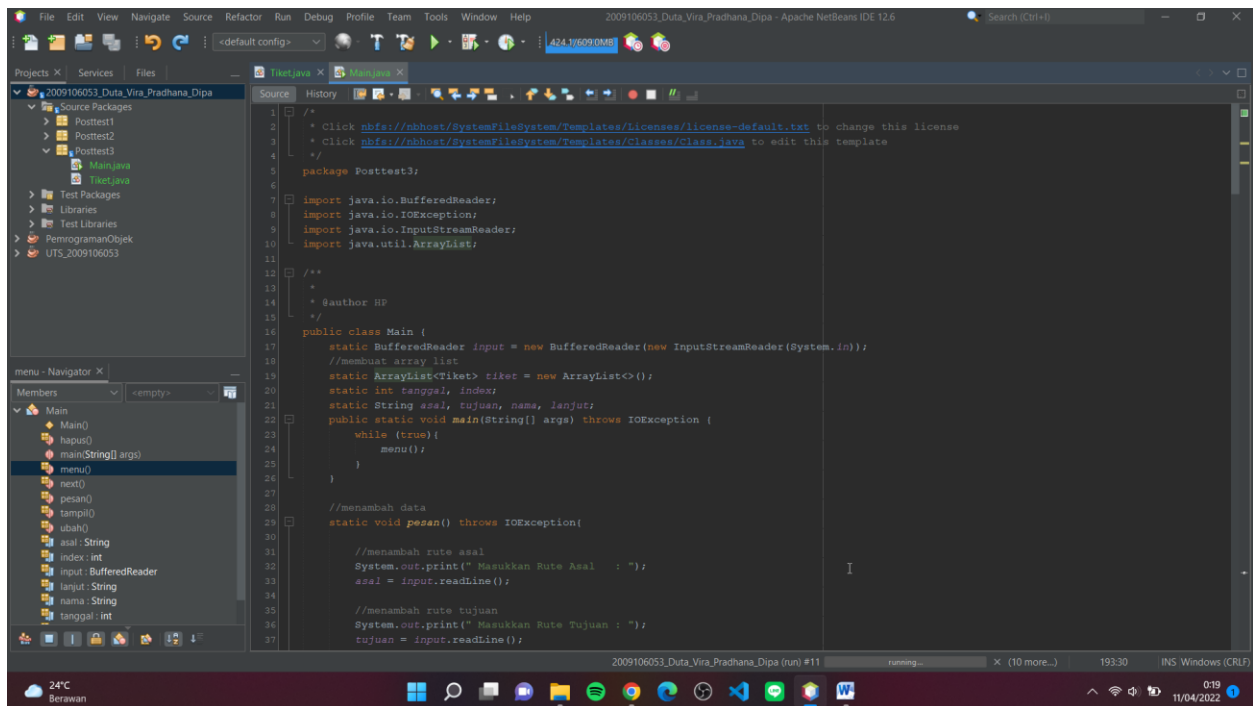
POSTTEST 3 PBO

Nama   : Duta Vira Pradhana Dipa

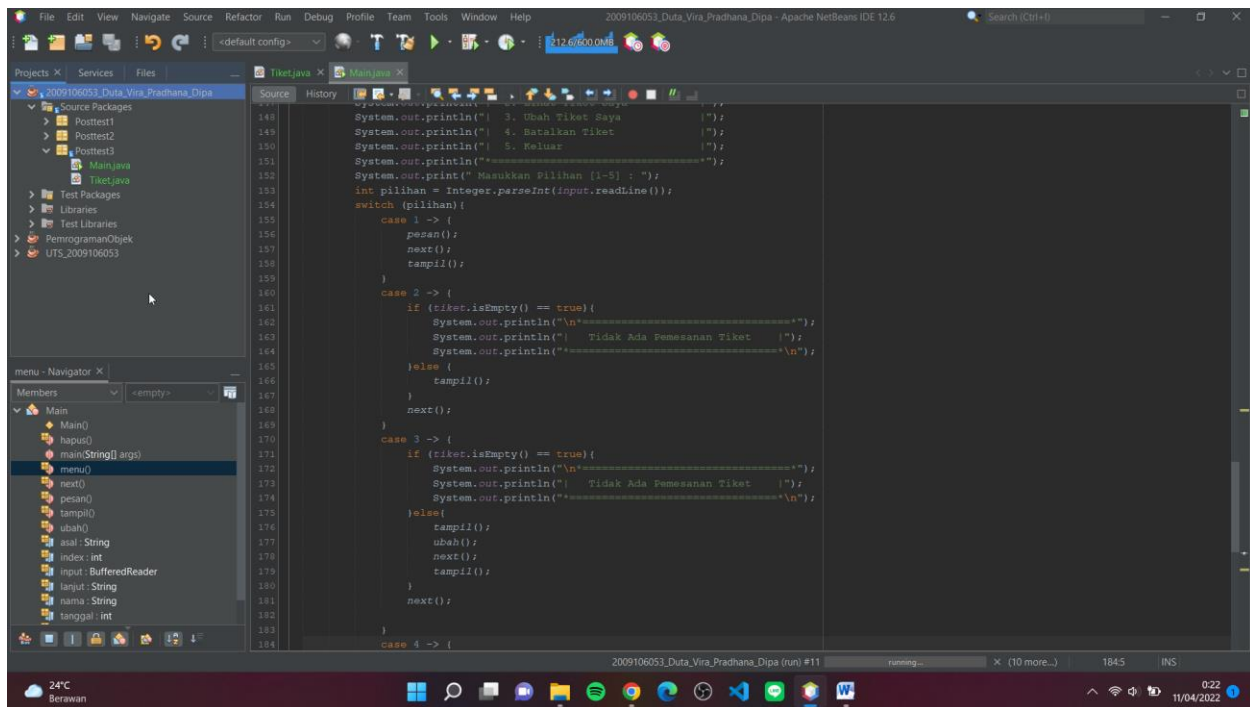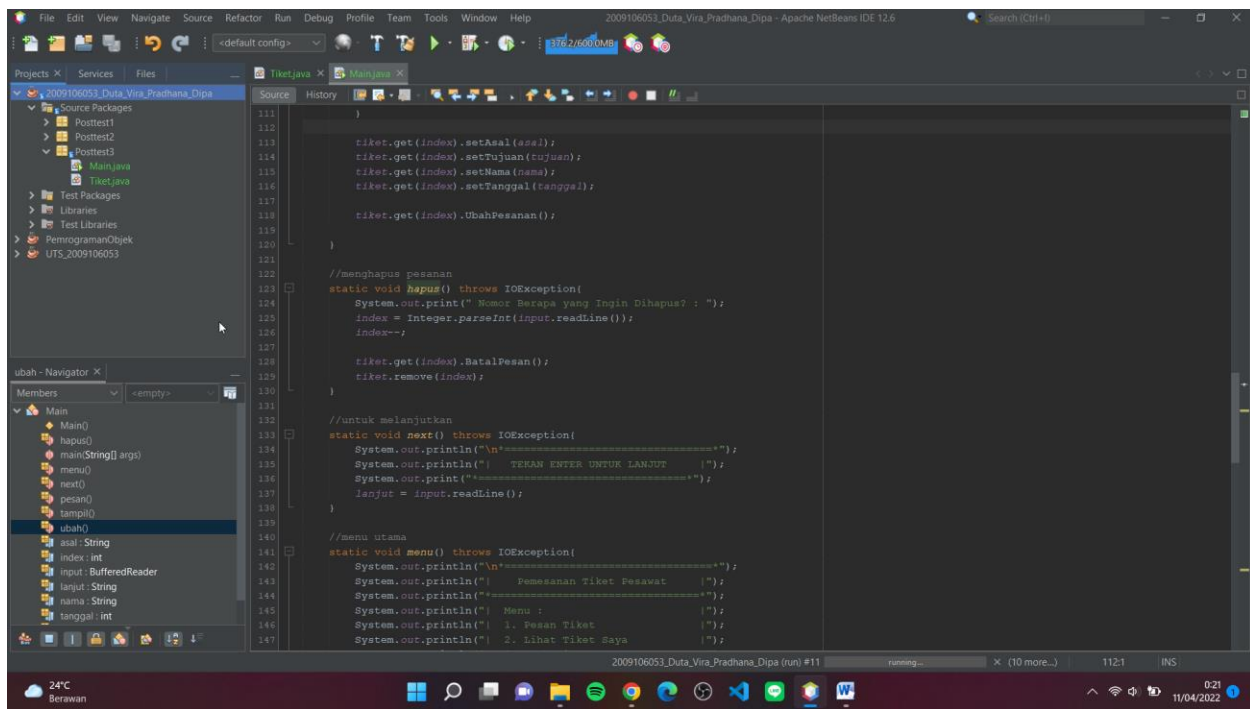NIM   : 2009106053

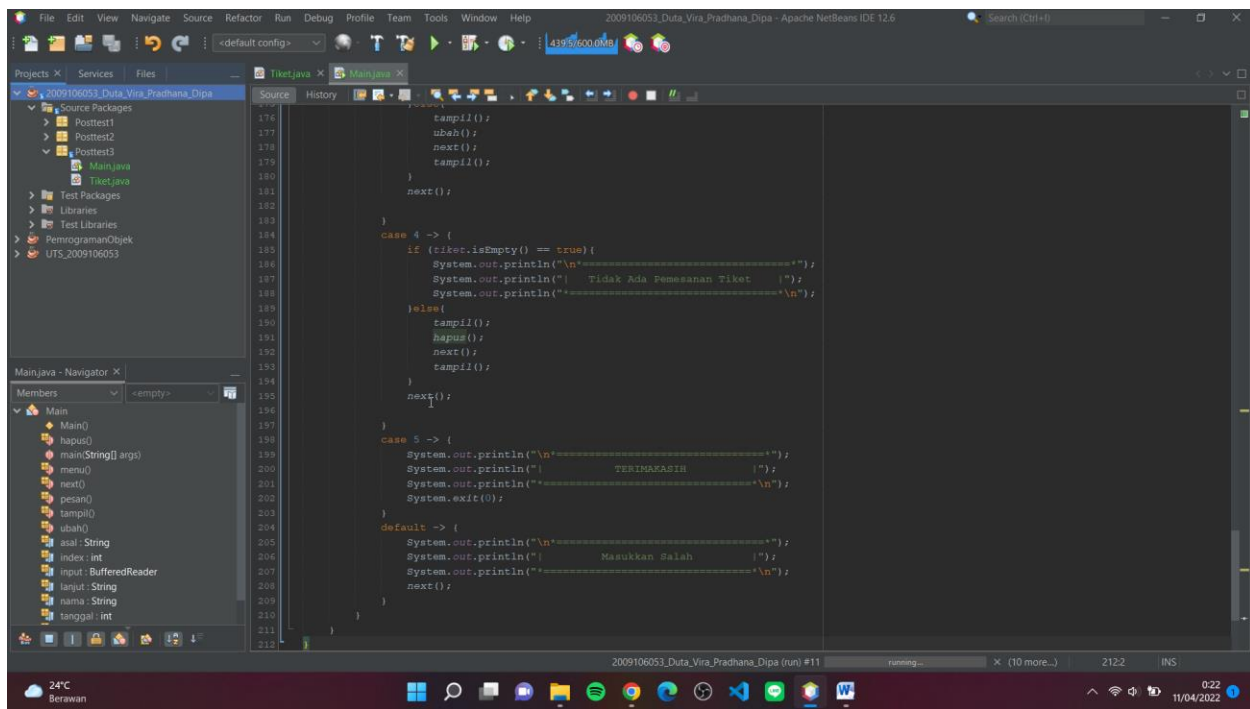Program Main.java

```java
        //menambahkan nama pemesan
        System.out.print(" Masukkan Nama Anda    : ");
        nama = input.readLine();

        //menambahkan tanggal pemesan
        System.out.print(" Tanggal Keberangkatan (DDMMYY) : ");
        tanggal = Integer.parseInt(input.readLine());

        if("".equals(asal) || "".equals(tujuan) || "".equals(nama) || "".equals(tanggal)){
            System.out.println("\n*==============================*");
            System.out.println("|    Data Gagal Ditambahkan    |");
            System.out.println("*==============================*");
            System.out.println("|        Lengkapi Form !!!     |");
            System.out.println("*==============================*\n");
            return;
        }

        // memasukkan data
        Tiket datamasuk = new Tiket(asal, tujuan, nama, tanggal);
//        datamasuk.nama = nama;
//        datamasuk.asal = asal;
//        datamasuk.tujuan = tujuan;
//        datamasuk.tanggal = tanggal;
        tiket.add(datamasuk);
        datamasuk.BerhasilPesan();
    }

    //menampilkan pesanan
    static void tampil(){
        System.out.println("*==============================*");
        System.out.println("|    Daftar Pesanan Tiket      |");
        for(int i = 0 ; i < tiket.size();i++){
            System.out.println("*==============================*");
            System.out.println(" Nomor   : ["+(i+1)+"]");
            System.out.println(" Nama    : "+ tiket.get(i).getNama());
            System.out.println(" Asal    : "+ tiket.get(i).getAsal());
            System.out.println(" Tujuan  : "+ tiket.get(i).getTujuan());
            System.out.println(" Tanggal : "+ tiket.get(i).getTanggal());
            System.out.println("*==============================*");
        }
    }

    //mengubah pesanan
    static void ubah() throws IOException{
        //menentukan indeks
        System.out.print(" Nomor Berapa yang Ingin Diubah? : ");
        index = Integer.parseInt(input.readLine());
        index--;

        //mengubah nama
        System.out.print(" Nama Baru : ");
        nama = input.readLine();

        //mengubah rute asal
        System.out.print(" Masukkan Rute Asal    : ");
        asal = input.readLine();

        //mengubah rute tujuan
        System.out.print(" Masukkan Rute Tujuan  : ");
        tujuan = input.readLine();

        //mengubah tanggal
        System.out.print(" Tanggal Baru (DDMMYY) : ");
        tanggal = Integer.parseInt(input.readLine());

        if("".equals(asal) || "".equals(tujuan) || "".equals(nama) || "".equals(tanggal)){
            System.out.println("\n*==============================*");
            System.out.println("|    Data Gagal Ditambahkan    |");
            System.out.println("*==============================*");
            System.out.println("|        Lengkapi Form !!!     |");
            System.out.println("*==============================*\n");
            return;
        }
```

```java
                }

            tiket.get(index).setAsal(asal);
            tiket.get(index).setTujuan(tujuan);
            tiket.get(index).setNama(nama);
            tiket.get(index).setTanggal(tanggal);

            tiket.get(index).UbahPesanan();

        }


        //menghapus pesanan
    static void hapus() throws IOException{
        System.out.print(" Nomor Berapa yang Ingin Dihapus? : ");
        index = Integer.parseInt(input.readLine());
        index--;

        tiket.get(index).BatalPesan();
        tiket.remove(index);
    }

        //untuk melanjutkan
    static void next() throws IOException{
        System.out.println("\n*==============================*");
        System.out.println("|   TEKAN ENTER UNTUK LANJUT   |");
        System.out.print("*==============================*");
        lanjut = input.readLine();
    }

        //menu utama
    static void menu() throws IOException{
        System.out.println("\n*==============================*");
        System.out.println("|   Pemesanan Tiket Pesawat    |");
        System.out.println("*==============================*");
        System.out.println("| Menu :                       |");
        System.out.println("| 1. Pesan Tiket               |");
        System.out.println("| 2. Lihat Tiket Saya          |");
        System.out.println("| 3. Ubah Tiket Saya           |");
        System.out.println("| 4. Batalkan Tiket            |");
        System.out.println("| 5. Keluar                    |");
        System.out.println("*==============================*");
        System.out.print(" Masukkan Pilihan [1-5] : ");
        int pilihan = Integer.parseInt(input.readLine());
        switch (pilihan){
            case 1 -> {
                pesan();
                next();
                tampil();
            }
            case 2 -> {
                if (tiket.isEmpty() == true){
                    System.out.println("\n*==============================*");
                    System.out.println("|   Tidak Ada Pemesanan Tiket  |");
                    System.out.println("*==============================*\n");
                }else {
                    tampil();
                }
                next();
            }
            case 3 -> {
                if (tiket.isEmpty() == true){
                    System.out.println("\n*==============================*");
                    System.out.println("|   Tidak Ada Pemesanan Tiket  |");
                    System.out.println("*==============================*\n");
                }else{
                    tampil();
                    ubah();
                    next();
                    tampil();
                }
                next();
            }
            case 4 -> {
```

Program Tiket.java

```java
    public void setNama(String nama) {
        this.nama = nama;
    }

    public void setAsal(String asal) {
        this.asal = asal;
    }

    public void setTujuan(String tujuan) {
        this.tujuan = tujuan;
    }

    public void setTanggal(int tanggal) {
        this.tanggal = tanggal;
    }


    void BerhasilPesan() {
        System.out.println("\n*================================*");
        System.out.println("| Tiket Atas Nama : " + this.nama);
        System.out.println("| Dengan Rute     : " + this.asal + " -> " + this.tujuan);
        System.out.println("*================================*");
        System.out.println("|        Berhasil Dipesan        |");
        System.out.println("*================================*\n");
    }

    void BatalPesan() {
        System.out.println("\n*================================*");
        System.out.println("| Tiket Atas Nama : " + this.nama);
        System.out.println("| Dengan Rute     : " + this.asal + " -> " + this.tujuan);
        System.out.println("*================================*");
        System.out.println("|       Berhasil Dibatalkan      |");
        System.out.println("*================================*\n");
    }
```



```java
        this.tujuan = tujuan;
    }

    public void setTanggal(int tanggal) {
        this.tanggal = tanggal;
    }


    void BerhasilPesan() {
        System.out.println("\n*================================*");
        System.out.println("| Tiket Atas Nama : " + this.nama);
        System.out.println("| Dengan Rute     : " + this.asal + " -> " + this.tujuan);
        System.out.println("*================================*");
        System.out.println("|        Berhasil Dipesan        |");
        System.out.println("*================================*\n");
    }

    void BatalPesan() {
        System.out.println("\n*================================*");
        System.out.println("| Tiket Atas Nama : " + this.nama);
        System.out.println("| Dengan Rute     : " + this.asal + " -> " + this.tujuan);
        System.out.println("*================================*");
        System.out.println("|       Berhasil Dibatalkan      |");
        System.out.println("*================================*\n");
    }

    void UbahPesanan() {
        System.out.println("\n*================================*");
        System.out.println("| Tiket Atas Nama : " + this.nama);
        System.out.println("| Dengan Rute     : " + this.asal + " -> " + this.tujuan);
        System.out.println("*================================*");
        System.out.println("|         Berhasil Diubah        |");
        System.out.println("*================================*\n");
    }
}
```