

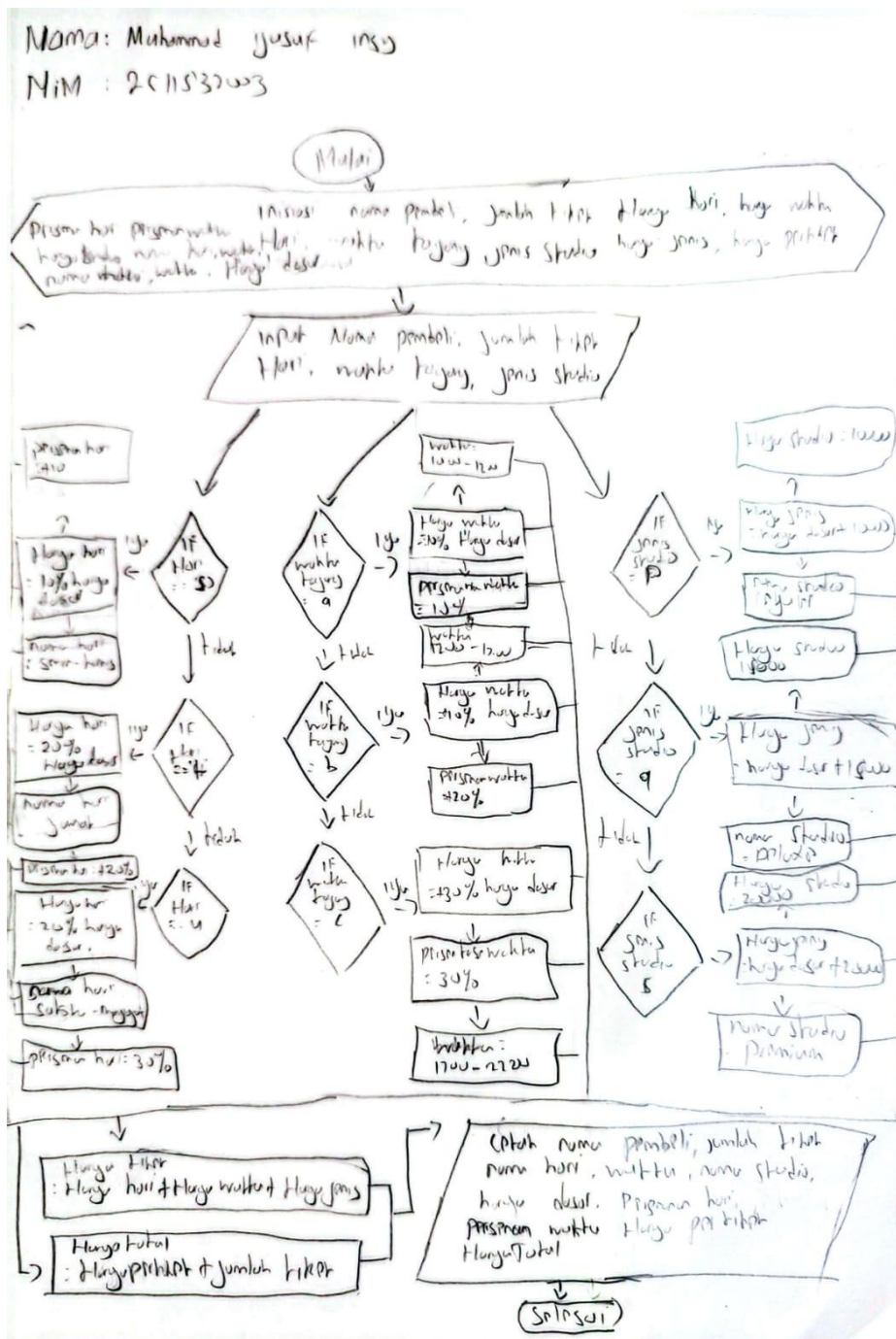
LAPORAN TUGAS ALPRO PEKAN 4

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Program pemesanan tiket bioskop

Flowchart



Pseudocode

PROGRAM PemesananTiketBioskop
DEKLARASI namaPembeli : string jumlahTiket : integer hargaDasar : integer = 40000 hargaHari, hargaWaktu, hargaJenis, hargaPerTiket, hargaTotal : integer persenanHari, persenanWaktu, hargaStudio, namaHari, waktu, namaStudio : string hari, waktuTayang, jenisStudio : char
ALGORITMA INPUT "Nama pembeli : " → namaPembeli INPUT "Jumlah tiket : " → jumlahTiket INPUT "Hari (s=senin-kamis, t=jumat, u=sabtu-minggu): " → hari INPUT "Waktu tayang (a=pagi, b=siang, c=malam): " → waktuTayang INPUT "Jenis studio (p=reguler, q=deluxe, r=premium): " → jenisStudio // Hitung biaya tambahan berdasarkan hari IF hari = 's' THEN hargaHari = 10% dari hargaDasar namaHari = "Senin-Kamis" persenanHari = "+10%" ELSE IF hari = 't' THEN hargaHari = 20% dari hargaDasar namaHari = "Jumat" persenanHari = "+20%" ELSE IF hari = 'u' THEN hargaHari = 30% dari hargaDasar namaHari = "Sabtu-Minggu" persenanHari = "+30%" ELSE namaHari = "hari tidak valid" persenanHari = "persenan tidak valid" // Hitung biaya tambahan berdasarkan waktu tayang IF waktuTayang = 'a' THEN hargaWaktu = 10% dari hargaDasar waktu = "Pagi 10.00 - 12.00" persenanWaktu = "+10%" ELSE IF waktuTayang = 'b' THEN hargaWaktu = 20% dari hargaDasar waktu = "Siang 12.00 - 17.00" persenanWaktu = "+20%" ELSE IF waktuTayang = 'c' THEN hargaWaktu = 30% dari hargaDasar waktu = "Malam 17.00 - 22.00"

```

    persenanWaktu = "+30%"
ELSE
    waktu = "waktu tidak valid"
    persenanWaktu = "persenan tidak valid"

// Hitung biaya tambahan berdasarkan jenis studio
IF jenisStudio = 'p' THEN
    hargaJenis = hargaDasar + 10000
    namaStudio = "Reguler"
    hargaStudio = "+10%"
ELSE IF jenisStudio = 'q' THEN
    hargaJenis = hargaDasar + 15000
    namaStudio = "Deluxe"
    hargaStudio = "+20%"
ELSE IF jenisStudio = 'r' THEN
    hargaJenis = hargaDasar + 20000
    namaStudio = "Premium"
    hargaStudio = "+30%"
ELSE
    namaStudio = "studio tidak valid"
    hargaStudio = "persenan tidak valid"

// Hitung harga total
hargaPerTiket = hargaHari + hargaWaktu + hargaJenis
hargaTotal = hargaPerTiket * jumlahTiket

// OUTPUT hasil
CETAK "Nama pembeli = ", namaPembeli
CETAK "Jumlah tiket = ", jumlahTiket
CETAK "Hari = ", namaHari
CETAK "Waktu tayang = ", waktu
CETAK "Studio = ", namaStudio
CETAK "-----"
CETAK "Harga dasar = ", hargaDasar
CETAK "Biaya hari = ", persenanHari
CETAK "Biaya waktu = ", persenanWaktu
CETAK "Harga per tiket = ", hargaPerTiket
CETAK "-----"
CETAK "Harga total = ", hargaTotal
END PROGRAM

```

Program

```
2025_prakalpro_A_2511532003/src/pekan4/tugasAlproPekan4_2511532003.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
# Ifelse.java NamaBulan.java Nilai.java latif.java multilf.java tugasAlproPekan4_2511532003.java X
1 package pekan4;
2
3 import java.util.Scanner;
4
5 public class tugasAlproPekan4_2511532003 {
6     public static void main (String [] args) {
7         String namaPembeli;
8         int jumlahTiket;
9         int hargaDasar = 40000;
10        int hargaHari = 0;
11        String pesananHari;
12        String namaHari;
13        int hargaMaktu = 0;
14        String pesananMaktu;
15        int hargaJenis = 0;
16        String hargaStudio;
17        int hargaPerTiket;
18        int hargaTotal;
19        char hari = 'x';
20        char waktuTayang = 'v';
21        String waktu;
22        char jenisStudio = '2';
23        String namaStudio;
24
25        Scanner keyboard = new Scanner (System.in);
26
27        System.out.println("Nama pembeli : ");
28        namaPembeli = keyboard.next();
29        System.out.println("Jumlah tiket : ");
30        jumlahTiket = keyboard.nextInt();
31        System.out.println("hari (s= senin-kamis, t= jumat, u=sabtu-minggu): ");
32        hari = keyboard.next().charAt(0);
33        System.out.println("waktu tayang (a= pagi, b= siang, c= malam : ");
34        waktuTayang = keyboard.next().charAt(0);
35        System.out.println("jenis studio (p= regular q= deluxe r= premium: ");
36        jenisStudio = keyboard.next().charAt(0);
37
38        if (hari == 's') {
39            hargaHari = (10 * hargaDasar / 100);
40        } else if (hari == 't') {
41            hargaHari = (20 * hargaDasar / 100);
42        } else if (hari == 'u') {
43            hargaHari = (30 * hargaDasar / 100);
44        }
45        switch (hari) {
46            case 's':
47                namaHari = "senin-kamis";
48                break;
49        }
50    }
51 }
```

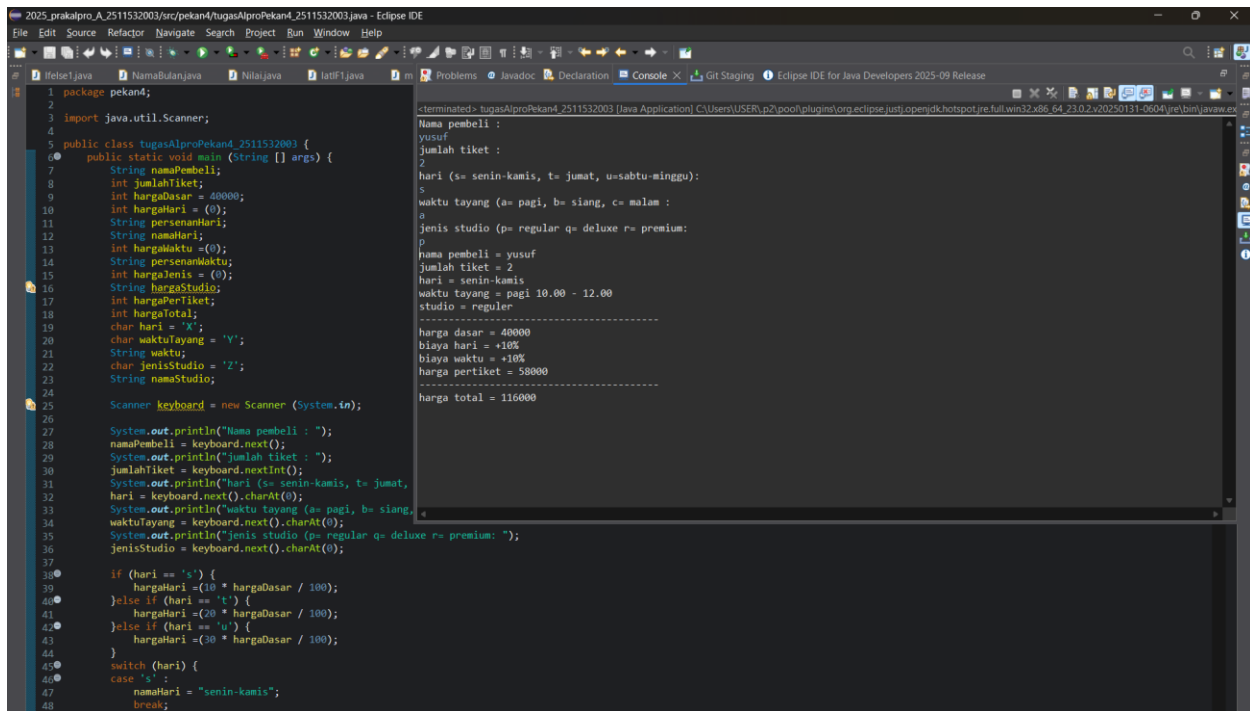
```
2025_prakalpro_A_2511532003/src/pekan4/tugasAlproPekan4_2511532003.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
# Ifelse.java NamaBulan.java Nilai.java latif.java multilf.java tugasAlproPekan4_2511532003.java X
46    case 's' :
47        namaHari = "senin-kamis";
48        break;
49    case 't' :
50        namaHari = "Jumat";
51        break;
52    case 'u' :
53        namaHari = "sabtu-minggu";
54    default :
55        namaHari = "hari tidak valid";
56    }
57
58    switch (hari) {
59        case 's' :
60            pesananHari = "+10%";
61            break;
62        case 't' :
63            pesananHari = "+20%";
64            break;
65        case 'u' :
66            pesananHari = "+30%";
67        default :
68            pesananHari = "pesanan tidak valid";
69    }
70
71    if ( waktuTayang == 'a' ) {
72        hargaMaktu = (10 * hargaDasar / 100);
73    } else if ( waktuTayang == 'b' ) {
74        hargaMaktu = (20 * hargaDasar / 100);
75    } else if ( waktuTayang == 'c' ) {
76        hargaMaktu = (30 * hargaDasar / 100);
77    }
78    switch (waktuTayang) {
79        case 'a' :
80            pesananMaktu = "+10%";
81            break;
82        case 'b' :
83            pesananMaktu = "+20%";
84            break;
85        case 'c' :
86            pesananMaktu = "+30%";
87        default :
88            pesananMaktu = "pesanan tidak valid";
89    }
90    switch (waktuTayang) {
91        case 'a' :
92            waktu = "pagi 10.00 - 12.00";
93            break;
94    }
95 }
```

```
2025_prakalpro_A_2511532003/src/pekan4/tugasAlproPekan4_2511532003.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
# ifelse.java NamaBulan.java Nilai.java latif.java multilif.java tugasAlproPekan4_2511532003.java X
91 case "a" :
92     waktu = "pagi 10.00 - 12.00";
93     break;
94 case "b" :
95     waktu = "siang 12.00 - 17.00";
96     break;
97 case "c" :
98     waktu = "malam 17.00 - 22.00";
99     default :
100         waktu = "waktu tidak valid";
101     }
102
103     if (jenisStudio == 'p') {
104         hargaJenis = hargaDasar + 10000;
105     } else if (jenisStudio == 'q') {
106         hargaJenis = hargaDasar + 15000;
107     } else if (jenisStudio == 'r') {
108         hargaJenis = hargaDasar + 20000;
109     }
110     switch (jenisStudio) {
111     case 'p' :
112         hargaStudio = "10000";
113         break;
114     case 'q' :
115         hargaStudio = "15000";
116         break;
117     case 'r' :
118         hargaStudio = "20000";
119     default :
120         hargaStudio = "persenan harga studio tidak valid";
121     }
122     switch (jenisStudio) {
123     case 'p' :
124         namaStudio = "reguler";
125         break;
126     case 'q' :
127         namaStudio = "deluxe";
128         break;
129     case 'r' :
130         namaStudio = "premium";
131     default :
132         namaStudio = "studio tidak valid";
133     }
134
135     hargaPerTiket = hargaHari + hargaMaktu + hargaJenis;
136     hargaTotal = hargaPerTiket * jumlahTiket;
137
138     System.out.println("nama pembeli = " + namaPembeli);
```

```
2025_prakalpro_A_2511532003/src/pekan4/tugasAlproPekan4_2511532003.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
# ifelse.java NamaBulan.java Nilai.java latif.java multilif.java tugasAlproPekan4_2511532003.java X
108     hargaJenis = hargaDasar + 20000;
109 }
110 switch (jenisStudio) {
111 case 'p' :
112     hargaStudio = "10000";
113     break;
114 case 'q' :
115     hargaStudio = "15000";
116     break;
117 case 'r' :
118     hargaStudio = "20000";
119 default :
120     hargaStudio = "persenan harga studio tidak valid";
121 }
122 switch (jenisStudio) {
123 case 'p' :
124     namaStudio = "reguler";
125     break;
126 case 'q' :
127     namaStudio = "deluxe";
128     break;
129 case 'r' :
130     namaStudio = "premium";
131 default :
132     namaStudio = "studio tidak valid";
133 }
134
135 hargaPerTiket = hargaHari + hargaMaktu + hargaJenis;
136 hargaTotal = hargaPerTiket * jumlahTiket;
137
138 System.out.println("nama pembeli = " + namaPembeli);
139 System.out.println("jumlah tiket = " + jumlahTiket);
140 System.out.println("hari = " + namaHari);
141 System.out.println("waktu tayang = " + waktu);
142 System.out.println("studio = " + namaStudio);
143 System.out.println("-----");
144 System.out.println("harga dasar = " + hargaDasar);
145 System.out.println("biaya hari = " + persenanHari);
146 System.out.println("biaya waktu = " + persenanMaktu);
147 System.out.println("harga pertiket = " + hargaPerTiket);
148 System.out.println("-----");
149 System.out.println("harga total = " + hargaTotal);
150
151 }
152
153 }
154 }
155 }
```

Outputnya

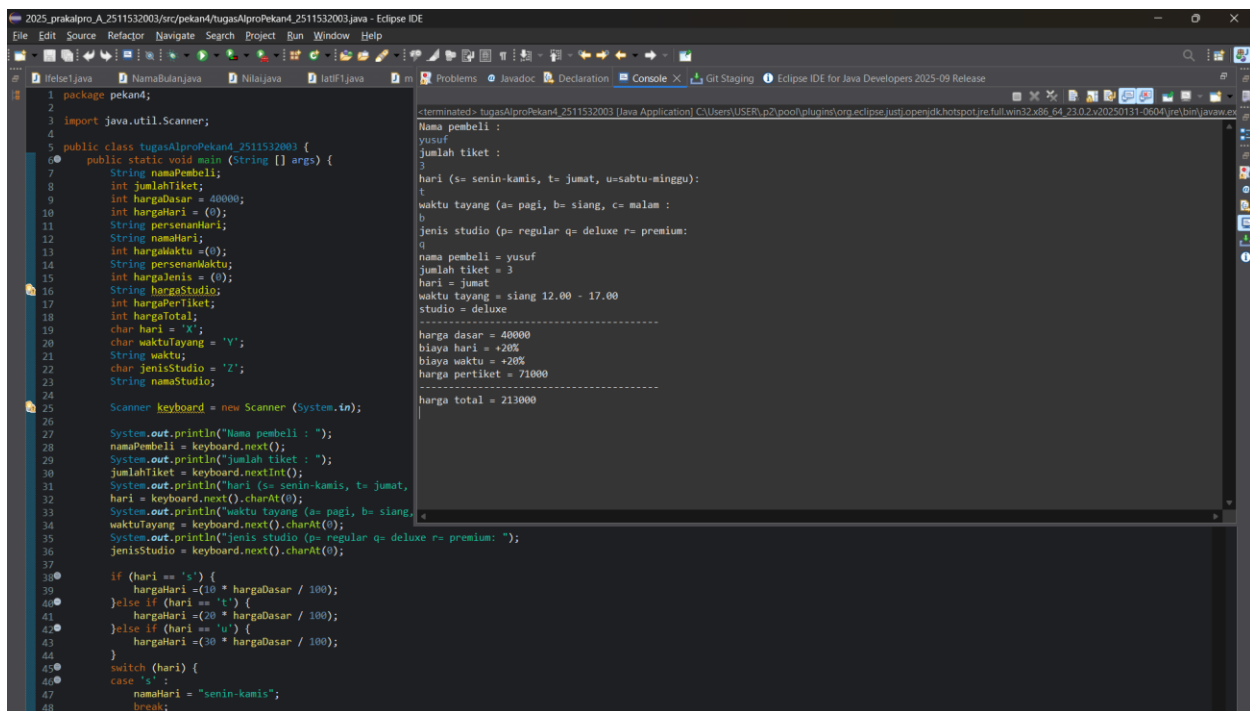
1.



The screenshot shows the Eclipse IDE with a Java file named `tugasAlproPekan4_2511532003.java`. The code defines a class `tugasAlproPekan4_2511532003` with a `main` method that uses a `Scanner` to take user input. The output console shows the following results:

```
<terminated> tugasAlproPekan4_2511532003 [Java Application] C:\Users\USER\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.23.0.2.v20250131-0604\jre\bin\javaw.exe
Nama pembeli :
yusuf
Jumlah tiket :
2
hari (s= senin-kamis, t= jumat, u=sabtu-minggu):
s
waktu tayang (a= pagi, b= siang, c= malam :
a
jenis studio (p= regular q= deluxe r= premium:
p
nama pembeli = yusuf
jumlah tiket = 2
hari = senin-kamis
waktu tayang = pagi 10.00 - 12.00
studio = regular
-----
harga dasar = 40000
biaya hari = +10%
biaya waktu = +10%
harga pertiket = 58000
-----
harga total = 116000
```

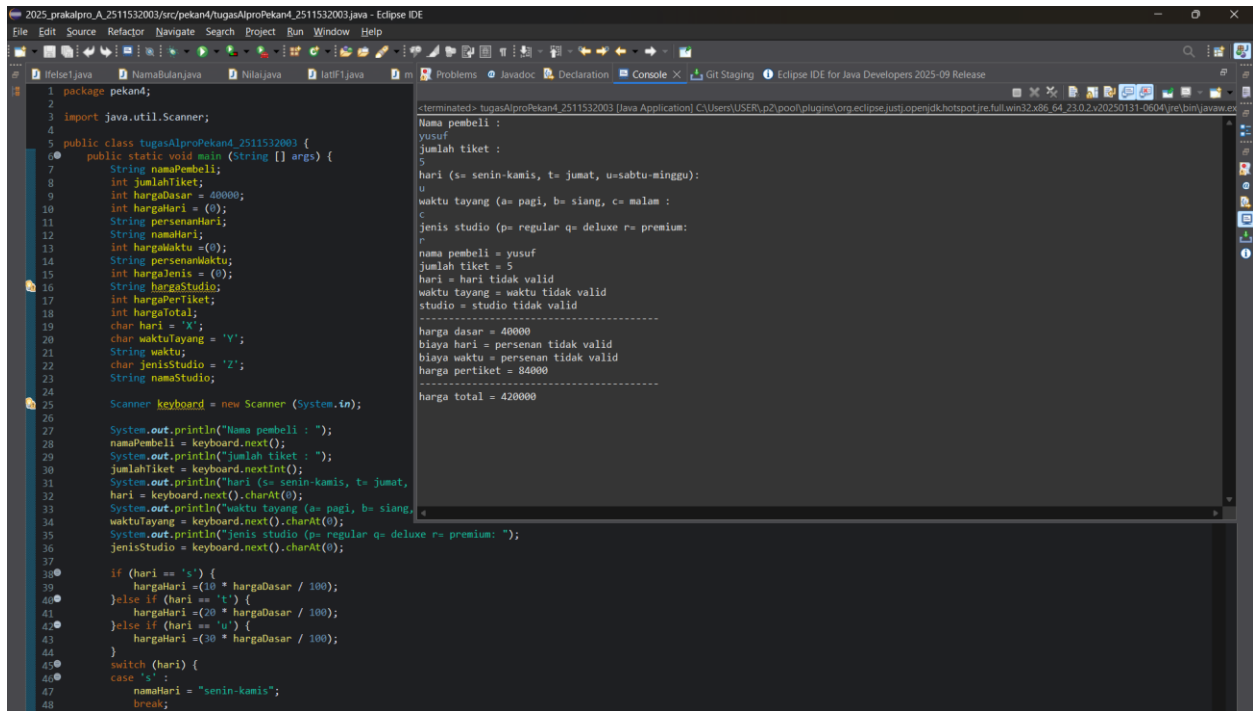
2.



The screenshot shows the Eclipse IDE with the same Java file. The output console shows the following results:

```
<terminated> tugasAlproPekan4_2511532003 [Java Application] C:\Users\USER\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.23.0.2.v20250131-0604\jre\bin\javaw.exe
Nama pembeli :
yusuf
Jumlah tiket :
3
hari (s= senin-kamis, t= jumat, u=sabtu-minggu):
t
waktu tayang (a= pagi, b= siang, c= malam :
b
jenis studio (p= regular q= deluxe r= premium:
q
nama pembeli = yusuf
jumlah tiket = 3
hari = jumat
waktu tayang = siang 12.00 - 17.00
studio = deluxe
-----
harga dasar = 40000
biaya hari = +20%
biaya waktu = +20%
harga pertiket = 71000
-----
harga total = 213000
```

3.



The screenshot shows the Eclipse IDE with a Java project named '2025_prakalpro_A_2511532003'. The editor displays the file 'tugasAlproPekan4_2511532003.java'. The code defines a package 'pekan4', imports 'java.util.Scanner', and contains a public class 'tugasAlproPekan4_2511532003' with a static void main method. The main method uses a Scanner to take user input for name, number of tickets, day, time, and studio type, then calculates the total price based on these inputs. The console output shows the program's execution with the following values: Nama pembeli : yusuf, jumlah tiket : 5, hari (s= senin-kamis, t= jumat, u=sabtu-minggu): u, waktu tayang (a= pagi, b= siang, c= malam) : c, jenis studio (p= regular q= deluxe r= premium): r. The final output is 'harga total = 420000'.

```
1 package pekan4;
2
3 import java.util.Scanner;
4
5 public class tugasAlproPekan4_2511532003 {
6     public static void main (String [] args) {
7         String namaPembeli;
8         int jumlahTiket;
9         int hargaDasar = 40000;
10        int hargaHari = 0;
11        String persenanHari;
12        String namaHari;
13        int hargaMaktu = 0;
14        String persenanMaktu;
15        int hargaJenis = 0;
16        String hargaStudio;
17        int hargaPerTiket;
18        int hargaTotal;
19        char hari = 'X';
20        char waktuTayang = 'Y';
21        String waktu;
22        char jenisStudio = 'Z';
23        String namaStudio;
24
25        Scanner keyboard = new Scanner (System.in);
26
27        System.out.println("Nama pembeli : ");
28        namaPembeli = keyboard.next();
29        System.out.println("Jumlah tiket : ");
30        jumlahTiket = keyboard.nextInt();
31        System.out.println("hari (s= senin-kamis, t= jumat,
32        hari = keyboard.next().charAt(0);
33        System.out.println("waktu tayang (a= pagi, b= siang,
34        waktuTayang = keyboard.next().charAt(0);
35        System.out.println("jenis studio (p= regular q= deluxe r= premium: ");
36        jenisStudio = keyboard.next().charAt(0);
37
38        if (hari == 's') {
39            hargaHari =(10 * hargaDasar / 100);
40        }else if (hari == 't') {
41            hargaHari =(20 * hargaDasar / 100);
42        }else if (hari == 'u') {
43            hargaHari =(30 * hargaDasar / 100);
44        }
45        switch (hari) {
46            case 's' :
47                namaHari = "senin-kamis";
48                break;
```

```
<terminated> tugasAlproPekan4_2511532003 [Java Application] C:\Users\USER\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.23.0.2.v20250131-0604\jre\bin\javaw.exe
Nama pembeli :
yusuf
jumlah tiket :
5
hari (s= senin-kamis, t= jumat, u=sabtu-minggu):
u
waktu tayang (a= pagi, b= siang, c= malam) :
c
jenis studio (p= regular q= deluxe r= premium:
r
nama pembeli = yusuf
jumlah tiket = 5
hari = hari tidak valid
waktu tayang = waktu tidak valid
studio = studio tidak valid
-----
harga dasar = 40000
biaya hari = persenan tidak valid
biaya waktu = persenan tidak valid
harga pertiket = 84000
-----
harga total = 420000
```