UAS Pemrograman 3

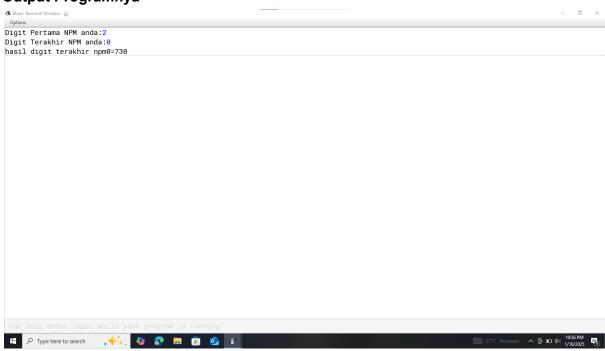
Nama: Maulana Azhri Npm: 202343501710

Kelas: R3V

1. Proses Perhitungan

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	Proses Artitungon
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	Vas (a.0):2
	vas (a.0) - L
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	- Vas (a,2) +3. Us (a,1) -2 + 3.4 -2 = 12-2 +10
Charles and Artist	- Vas (a,2) +7.009 (a,1) -2 1 3.4 -2 - 12-2 1(0
Marie Control	- Vas (a,3): 2. vas (a,3) - 2 = 3.28 - 2: 84-2 = 82
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	- Vas (a.6) : 3. vas (a.5) - 2 : 3.244 - 2 = 732 - 2
	= 750 730
-	

Output Programnya



2. Tulis Tangan

2.	I	D:>> Sqlife3 Moulana.db
	A).	Sqlite > Create table pasion (ID_pasion integer, Nama_Pasion Varchar, Nama_pasion. Vorchar, No_Telpon Varchar);
	8)	Salite > insort into Pasion Values (202343501710, 'Mavlana Azhri', '085711263014');
		Sellito 7 insort into pasien Values (435011811, 'Zahra', '001215263014');
		591-67 intert into Pasien Values (3267881, 'Noni', '0858219589');
		Salite > Insert into Pasien Values (2115989, 'Prasetyo', '0812765512');
	4	The > Insert into Pasian Values (1125698, 'Pani', '089878711');
	c).	splite > Solart Nama_ pasion, No_Tolpon from Pasion Where Noma_pasion
		like '96+ %' or Nama_pasion '9/010/0';
		Maulona Azhri 1085711763019
		Dani 6858214589
		Prasetyo 08/2765512
		Ran; \ 0898787711
	U	. Sqlito > Creato table Obat (Kode_Obat Vorcher, Nama_obat Vorchar, Subson
	1-1	varchor); Sqlite> insert into Obak Valves ('Bll', 'Paracetamol', 'Tablet');
	(J	Splite > insert into obat Values ('BI2', 'Vitamin A&B', 'Kapsul');
	1	Squite > insert into Obat Values ('B13', 'Listerine', 'Sirup');
		carry inscret into that Values (BH , braddl, Tablet);
		and all Illian ('Art' Antihintik Rapsol');
	d	car = update what set that = 18, Haran = 5000 where rede - Utal = DII,
	را	sqlite > upedate Obat Set Stok = 50, Hanga = 35000 Where Kode_Obat = 1812;
		Sqlite > Upedate Obat Set Stock = 50. Harga = 35000 Where Kode_Obat = 'B12'; Sqlite > Update Obat Set Stock = 2, Harga = 8000 Where Kode_Obat = 'B13'; Sqlite > Update Obat Set Stock = 2, Harga = 8000 Where Kode_Obat = 'B13';
		The self was a self was a self was a self of the self was a self of the self was a self of the self of
		Sqlite > update that sot stok: 10, Horga: 1500 where Kode Obet: 1815;
	6)	. Sqlike > delate from Obat Where Satuan : 'Tablet' and Stok < 3; . sqlike > create table transausi (No _Transaksi integer, ID_pasien integer,
	H	Total Pambayaran integer;

```
A.
```

sqlite> create table pasien (ID_Pasien integer, Nama_Pasien Varchar, No_Telpon Varchar); sqlite> create table pasien (ID_Pasien integer, Nama_Pasien Varchar, No_Telpon Varchar);

В.

```
sqlite> insert into pasien values (202343501710,'Maulana Azhri','085711263014');
sqlite> insert into pasien values (435011811,'Zahra','081215263014');
sqlite> insert into pasien values (3267881,'Dani','0858214589');
sqlite> insert into pasien values (2115489,'Prasetyo','0812765512');
sqlite> insert into pasien values (1125698,'Rani','0898787711');
```

sqlite> insert into pasien values (202343501710, 'Maulana Azhri', '085711263014');

sqlite> insert into pasien values (435011811, 'Zahra', '081215263014');

sqlite> insert into pasien values (3267881,'Dani','0858214589');

sqlite> insert into pasien values (2115489,'Prasetyo','0812765512');

sqlite> insert into pasien values (1125698, 'Rani', '0898787711');

C.

```
sqlite> select Nama_Pasien,No_Telpon from pasien where Nama_Pasien like '%t%' or Nama_Pasien like '%i%';
Maulana Azhri|085711263014
Dani|0858214589
Prasetyo|0812765512
Rani|0898787711
```

sqlite> select Nama_Pasien,No_Telpon from pasien where Nama_Pasien like '%t%' or Nama_Pasien like '%i%';

Maulana Azhri|085711263014

Dani|0858214589

Prasetyo|0812765512

Rani|0898787711

D.

sqlite> create table obat(Kode_Obat varchar, Nama_Obat varchar, Satuan Varchar);

sqlite> create table obat(Kode Obat varchar, Nama Obat varchar, Satuan Varchar);

E.

```
sqlite> insert into obat values
                                   'B11
                                           Paracetamol'
                                   'B12
                                          'Vitamin A&B'
sqlite> insert into obat values (
                                                        'Sirup');
                                 ('B13
                                          'Listerine'
sqlite> insert into obat values
                                                      'Tablet');
                                   'B14'
                                          'panadol'.
sqlite> insert into obat values
                                           Antibiotik', 'Kapsul');
sqlite> insert into obat values (
                                   'B15'
```

sqlite> insert into obat values ('B11', 'Paracetamol', 'Tablet');

sqlite> insert into obat values ('B12', 'Vitamin A&B', 'Kapsul');

sqlite> insert into obat values ('B13', 'Listerine', 'Sirup');

```
sqlite> insert into obat values ('B14', 'panadol', 'Tablet'); sqlite> insert into obat values ('B15', 'Antibiotik', 'Kapsul');
```

F.

```
sqlite> update obat set Stok =18, Harga=5000 where Kode_Obat='B11';
sqlite> update obat set Stok =50, Harga=35000 where Kode_Obat='B12';
sqlite> update obat set Stok =2, Harga=8000 where Kode_Obat='B13';
sqlite> update obat set Stok =1, Harga=3000 where Kode_Obat='B14';
sqlite> update obat set Stok =10, Harga=15000 where Kode_Obat='B15';
```

sqlite> update obat set Stok =18, Harga=5000 where Kode_Obat='B11'; sqlite> update obat set Stok =50, Harga=35000 where Kode_Obat='B12'; sqlite> update obat set Stok =5, Harga=8000 where Kode_Obat='B13'; sqlite> update obat set Stok =15, Harga=4000 where Kode_Obat='B14'; sqlite> update obat set Stok =10, Harga=15000 where Kode_Obat='B15';

G.

sqlite> delete from obat where Satuan ='Tablet' and Stok <3;

sqlite> delete from obat where Satuan ='Tablet' and Stok < 3;

Η.

sqlite> Create table transaksi (No_Transaksi integer, ID_Pasien integer, Total_Pembayaran integer);

sqlite> Create table transaksi (No_Transaksi integer, ID_Pasien integer, Total_Pembayaran integer);

3. Tulis Tangan Program

3.	import java. Sql. *;
	Import jalla. utill. Scanner;
	Orbic class Ups No3
	Dublic Static Void main (String [] args)
	try (Connaction connaction = Driver Morager : get Connection ("Jabe : Sylite : D: Moulon
	("db")) (S" (Remail) who prosent have also the track Carrier
	Scanner Scanner, new Scanner (System in);
	System. Out. Println ("Transaksi"); System. Out. Println ("Namor Transaksi:");
	System Out. Printly ("Namor Transaksi:");
	Storing nomo Trassics: Scanner Northine ();
	System. out. println ("];
	System out print ("Input ID Pasien: ");
	String idpassion = Scannar . Nextline ();
	String quary Passen = "Solect * from passen where Id_passon = ?";
	1 Address to the Mark De Vasion - Connection Do an Control of the
	Ps passion. Sot Storing (1, id Passion); Result Sot rspassion & Ps passion. execute Query ();
	if (repassion noxte ()) {
	System pub Possible (">>" L mil . a. C. ["L a. "1]
	System out Printle (">>" + rspassion got String ("Nama_passion"));
	3 dsa f System. Out. Printly (">>"+ rspassen. gotString ("No_Talpon");
	System out Printly ("Passen tidak ditemple ");
	Idam;
	145 In will the world to
	double book Penhayaran =0;
	booloon larjut = truo; while (larjut) {
	Ystemas. produ ("
	System. Out. Print ("Input Kodo Olast: ");

```
String Kodo Obat = Scanner . noxt Lino ();
  String query Obat : "Select * from Obat where Vodo _ Obat = 9";
 Proposed Statement ps Obat . Connection. Prepared Statement (4 wory Obat);
 PSObat . Sod String (1, KodeObat);
  Rasul Sot TSObat : PsObat . axauto Query ();
    if (rsObat. Nox1 ()) of
       String Nama = 150 bath. gotString ("Nama_Obot");
       double horge = 150 but. got/orble ("Horga");
       int Stok = 15 Obat . got String ("Sabur");
 String Jenis - 15 Obat . getString ("Saturn");
System. Out. Println (">> "7 nama);
 545+6m. Out. Println (">> RP "+ horga);
System. Out. Println (">> Tersedia "+ Stok +" "+ Jenis);
int Jumah = Sconner . next Int (); Do map & lower lower }
 Sconner next Line ();
    if (jumlah > Stock) of
     System. Our Printle ("jumlah Molobihi Stock torsedia 1");
 $ 6150 $
   double Subtobal = jumlah * harga;
  total pambalaran + = Subbohe 1;
  System-Out println ( Subtotal >> Rp "+ Subtotal);
 String update Stok Query . "Update Other Set Stok = Stok - 9 Where Kide_ Chat
Proposed Statement Ps Updato Store. Connection. Proposed Statement (Update Store
Query 1:
PS Updat Stok . Sotlat (1. jumlah);
Psup lat Stok. Set String (2. KaleObat);
15 Update Stok. execute Updato ();
```

te :	
	String insent Transples in your - 1/20 - 1/1 To - 1/1 To - 1/1 To - 1/1
	String insent Transausi Quary: "Insent Into Transausi (No_Transausi, ID_Dusien)
	Proparal Statement of locations in the contraction of the contraction
	Prepared Statement ps Insert Transakes - Connection. Propare Statement (insert Transakes)
	Ps Insant Transaksi. Sob String (1, nomer Transaksi); Ps Insant Transaksi & all you (2)
	PsInsont Transacksi Sob String (2, Asmor D. Pasies);
	Ps Insort Transaction oxocute Update (); System - Dub - Println ("
] ; [· · · · · · · · · · · · · · · · · ·
] dse 1
	System - 606 - Println ("Obas bidak ditombken");
	- Love 14 00 - 10 - 10 - 10 - 10 - 10 - 10 - 1
	System out. Print ("[?] lonjut Pombayaran lain ? [4a/Tidak]:");
	String Piliten = Scannor - Next-Line ();
<u> </u>	
=	if (pilitan equals Ignon e Caso ("Tidak")) of
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Ī	70000
	System Out. Printle ("Total Pembruages >> 00" 1 hot 20-6
	System Out. Println ("Total Pembayaron >> Rp " + total Pembayaran);
	I catch (Self-trapping of)
	System Out Printh ("Kosalahon:" + 6. get Massage ());
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T	Manual II aday - No Daint II
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	Maria Company and Colors of the Colors of th

```
Copy Paste Program
import java.sql.*;
import java.util.Scanner;
public class UasNo3 {
  public static void main(String[] args) {
    try (Connection connection =
DriverManager.getConnection("jdbc:sqlite:D:/maulana.db")) {
       Scanner scanner = new Scanner(System.in);
       System.out.println("~ Transaksi ~");
       System.out.print("Nomor Transaksi: ");
       String nomorTransaksi = scanner.nextLine();
       System.out.println("-----
       System.out.print("Input ID Pasien: ");
       String idPasien = scanner.nextLine();
       String queryPasien = "SELECT * FROM pasien WHERE id_pasien = ?";
       PreparedStatement psPasien = connection.prepareStatement(queryPasien);
       psPasien.setString(1, idPasien);
       ResultSet rsPasien = psPasien.executeQuery();
       if (rsPasien.next()) {
         System.out.println(">> " + rsPasien.getString("Nama_Pasien"));
         System.out.println(">> " + rsPasien.getString("No_Telpon"));
       } else {
         System.out.println("Pasien tidak ditemukan.");
         return;
       }
       double totalPembayaran = 0;
       boolean lanjut = true;
       while (lanjut) {
         System.out.println("-----
         System.out.print("Input Kode Obat: ");
         String kodeObat = scanner.nextLine();
         String queryObat = "SELECT * FROM obat WHERE kode_obat = ?";
         PreparedStatement psObat = connection.prepareStatement(queryObat);
         psObat.setString(1, kodeObat);
         ResultSet rsObat = psObat.executeQuery();
         if (rsObat.next()) {
           String nama = rsObat.getString("Nama_Obat");
           double harga = rsObat.getDouble("Harga");
           int stok = rsObat.getInt("Stok");
           String jenis = rsObat.getString("Satuan");
           System.out.println(">> " + nama);
           System.out.println(">> Rp " + harga);
           System.out.println(">> Tersedia " + stok + " " + jenis);
           System.out.println("-----");
```

System.out.print("Input Jumlah: ");

```
int jumlah = scanner.nextInt();
           scanner.nextLine();
           if (jumlah > stok) {
             System.out.println("Jumlah melebihi stok tersedia!");
           } else {
             double subtotal = jumlah * harga;
             totalPembayaran += subtotal;
             System.out.println("Subtotal >> Rp " + subtotal);
             String updateStokQuery = "UPDATE obat SET stok = stok - ? WHERE
kode_obat = ?";
             PreparedStatement psUpdateStok =
connection.prepareStatement(updateStokQuery);
             psUpdateStok.setInt(1, jumlah);
             psUpdateStok.setString(2, kodeObat);
             psUpdateStok.executeUpdate();
             String insertTransaksiQuery = "INSERT INTO transaksi (No_Transaksi,
ID_pasien) VALUES (?, ?)";
             PreparedStatement psInsertTransaksi =
connection.prepareStatement(insertTransaksiQuery);
             psInsertTransaksi.setString(1, nomorTransaksi);
             psInsertTransaksi.setString(2, idPasien);
             psInsertTransaksi.executeUpdate();
             System.out.println("-----");
           }
        } else {
           System.out.println("Obat tidak ditemukan.");
        }
         System.out.print("[?] Lanjut pembayaran lain? [Ya/Tidak]: ");
         String pilihan = scanner.nextLine();
         if (pilihan.equalsIgnoreCase("Tidak")) {
           lanjut = false;
           System.out.println("-----");
        }
      }
      System.out.println("TOTAL PEMBAYARAN >> Rp " + totalPembayaran);
      System.out.println("-----");
    } catch (SQLException e) {
    System.out.println("Kesalahan: " + e.getMessage());
}
}
```

🧆 Bluel: Terminal Window - jjjj	-	×
Options		
~ Transaksi ~ Nomor Transaksi: 1		
Input ID Pasien: 202343501710 >> Maulana Azhri >> 085711263014		
Input Kode Obat: 811 >> Paracetamol >> Rp 5000.0 >> Tersedia 18 Tablet		
Input Jumlah: 5 Subtotal >> Rp 25000.0		
[?] Lanjut pembayaran lain? [Ya/Tidak]: Tidak		
TOTAL PEMBAYARAN >> Rp 25000.0		
Can only enter input while your program is running		