ASSIGNMENT 01

Title: - Creating 'Tally Khata' (Ledger, Feb01-Feb28,2023) Database for a super shop.

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Step 01 : -

Downloading and installing 'SQL2022' and 'SSMS' from Microsoft website.

Step 02 : -

Creating draft for database table

Pic 01- General ledger from Feb01-Feb09

Note: Some data were modified later.

Date	Expense	Income	Description	Payment method	Total items Sold	Sold By	Total income for the day	Profit(%)
10F	65,000	90,000	Product Pur.	Check	60	h	25,000	38.46%
11f	90,000	120,000	"	Check	95	h	30,000	33.33%
12F	80,000	84,000	"	check	45	h	4000	5.00%
13f	55,000	220,000	h	Check	310	h	165,000	300%
14f	110,000	280,000	Repair P. Pur.	check	453	h	170,000	154.55%
15F	100000	30,000	Maintainance P. Pur.	check	65	h	10,000	10.00%
16f	90,000	95,000	P. Pur.	check	75	4h	5000	5.56%
17F	189,000	89,000	"	Check	89	4	100000	52.91%
18F	71,000	69,000	h	check	69	4	2000	2.82%
19F	93,000	73,000	"	check	78	4	20,000	21.51%
20F	85,000	65,000	h	check	65	4	20,000	23.53%
21F	55,000	55,792	h	check	43	4	792	1.44%
22f	63,000	80,122	"	Check	58	7	17,122	27.18%
23F	74,000	79,592	4	check	63	4	5592	7.56%

Pic 02- General ledger from Feb10-Feb23

Date	Expense	Income	Description	Payment method	Total items sold	Sold By	Total income for the day	Profit(%)
24F	65,000	63,390	P. Pur	check	42	h	1610	2.48%
25F	74000	85,142	P. Pur	check	59	h	15,142	21.63%
26f	189,000	110,593	servicing P. Pur.	check	120	h	78,407	41.49%
27F	90,000	105,293	P. Pur	check	85	4	15,293	16.99%
28F	79,000	120,670	h	check	71		41,670	52.75%

Pic 03- General ledger from Feb24-Feb28

Step 03:-

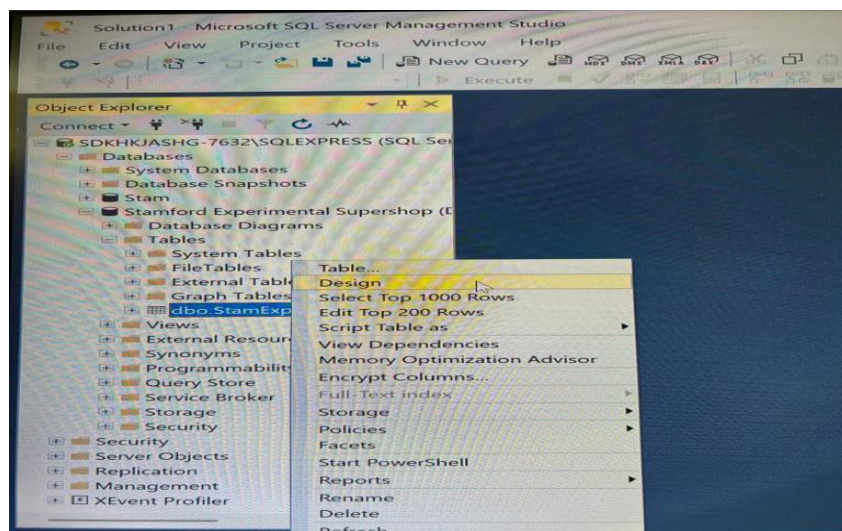In order to create a table we have to expand the 'Database' menu and right click on 'New Database'.
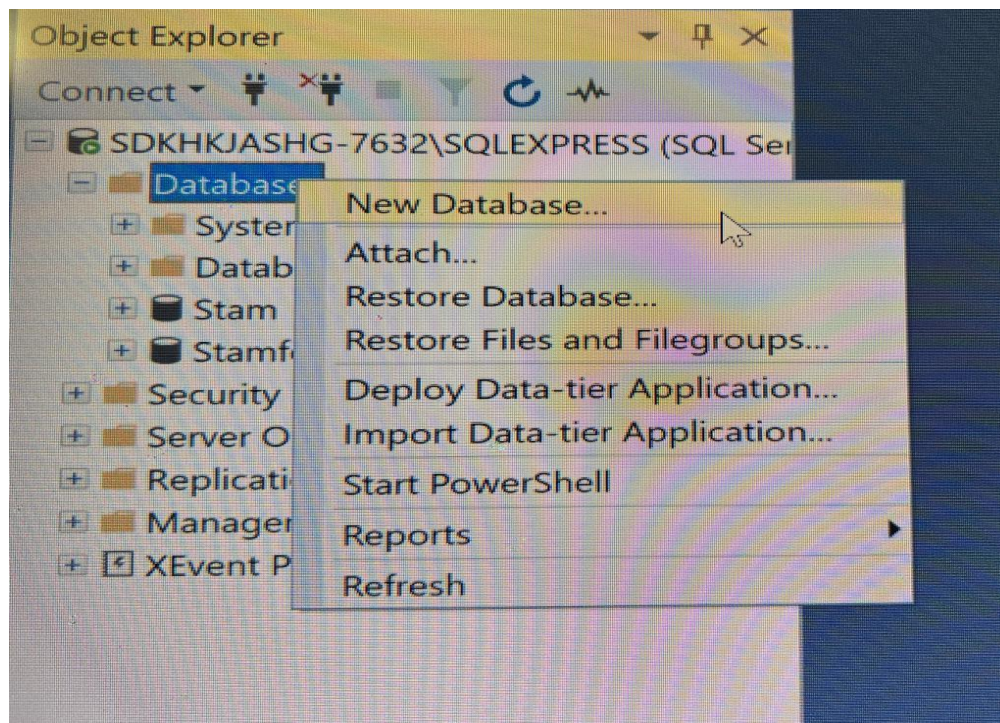
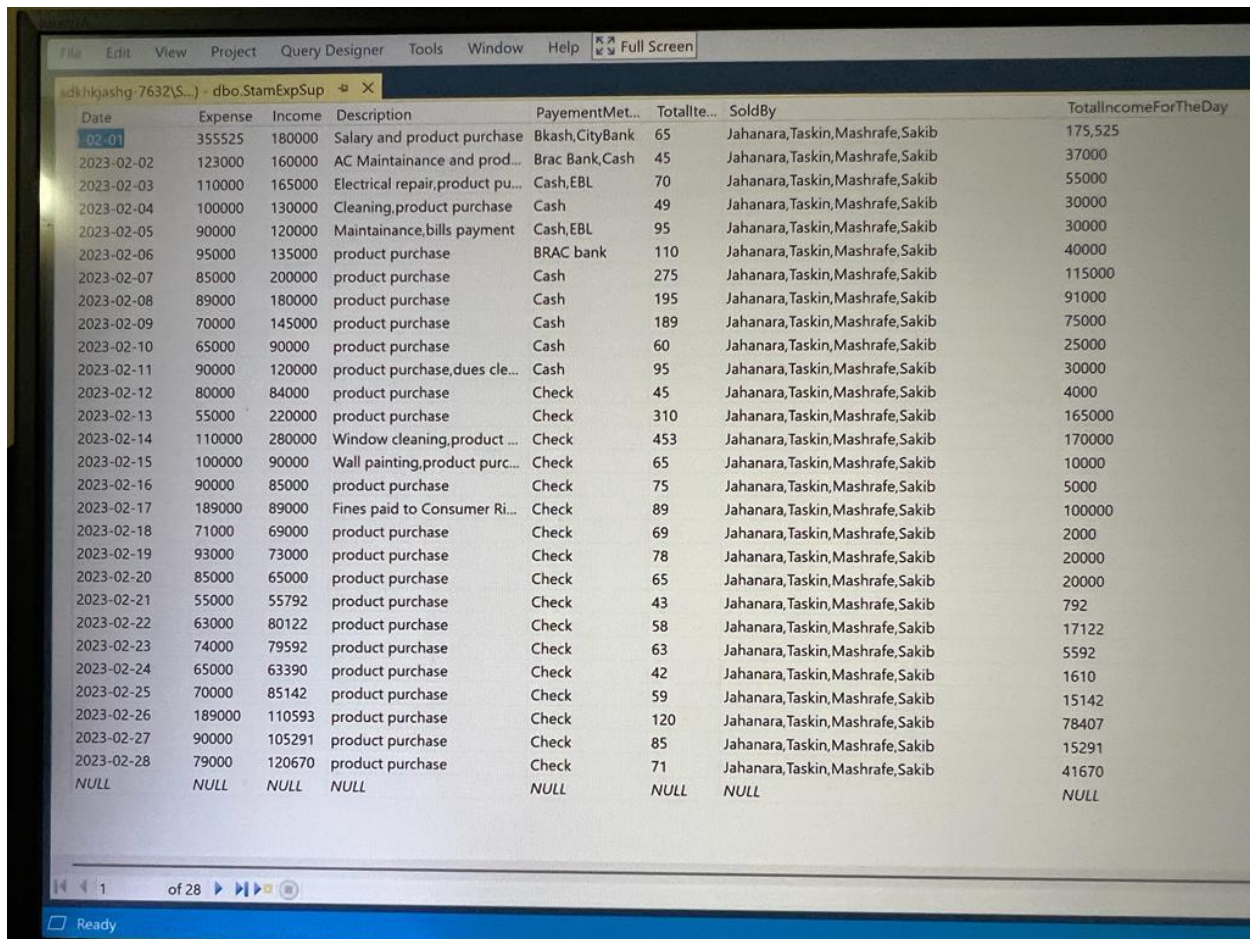Pic 04 – First step of creating a database

Step 04:-

In order to add data to the table we have to right click on the database table [dbo.(tablename)] that we created in step 03 and then click design.

Pic 05 - Filling the table with data.

Step 05:-

After creating the table we have to save it from the file menu.

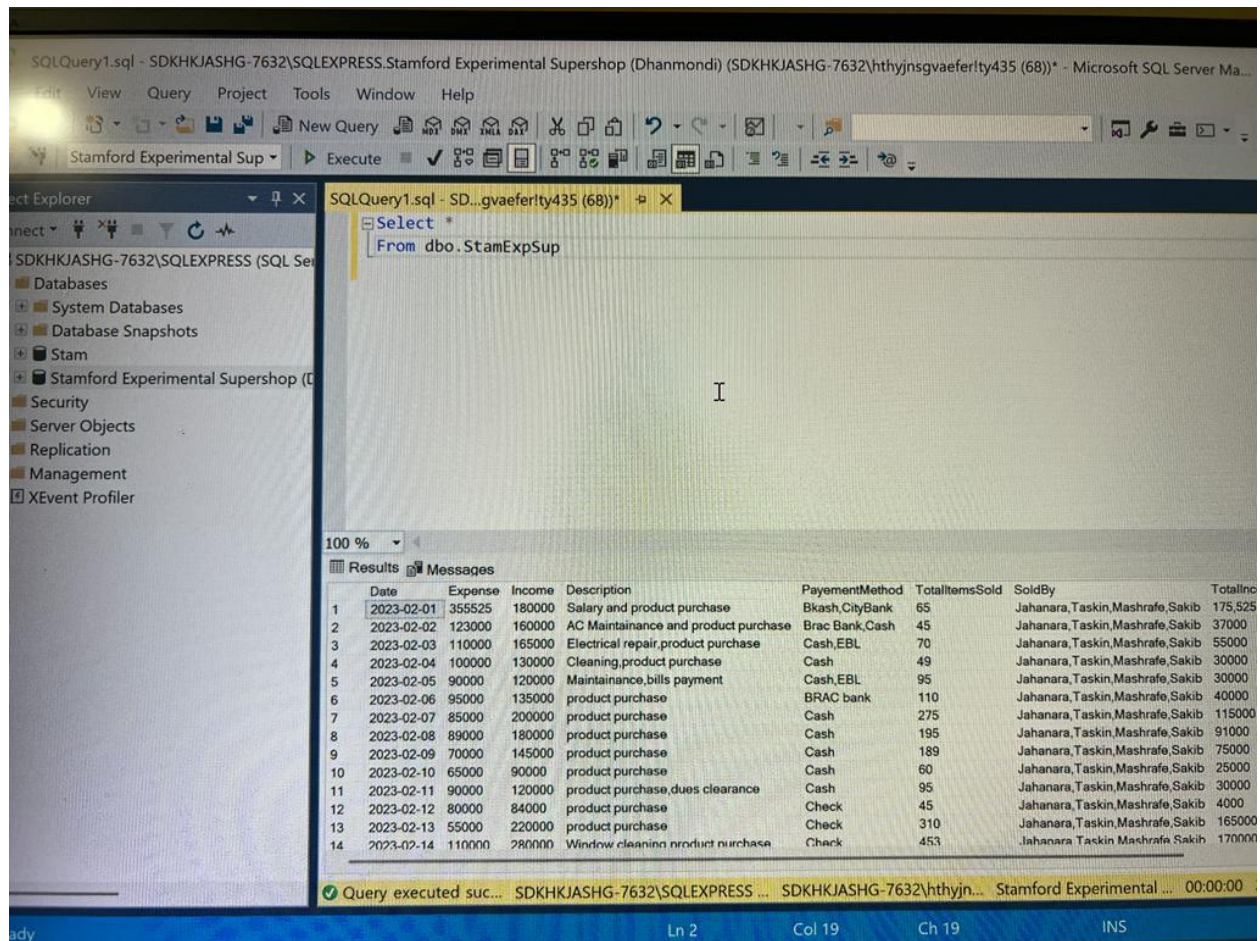Pic 06 – Final view of the created table.

Step 06:-

We have to run some basic query commands to make sure that we have entered the data type correctly. We have to select a different data type for each varchar. For example 'TotalItemsSold' we have selected 'numeric (18, 0)' because all its value will be natural numbers or positive integers.
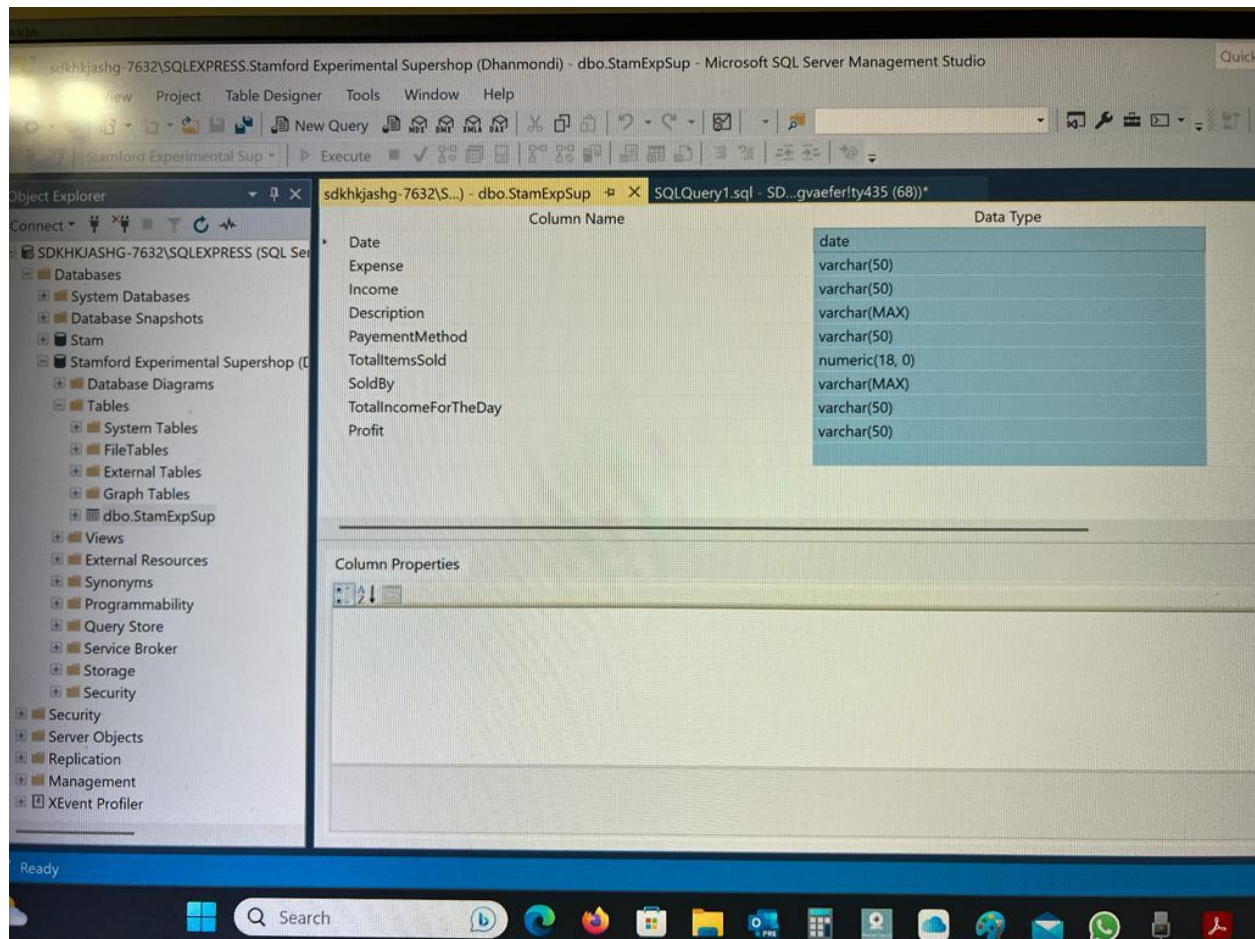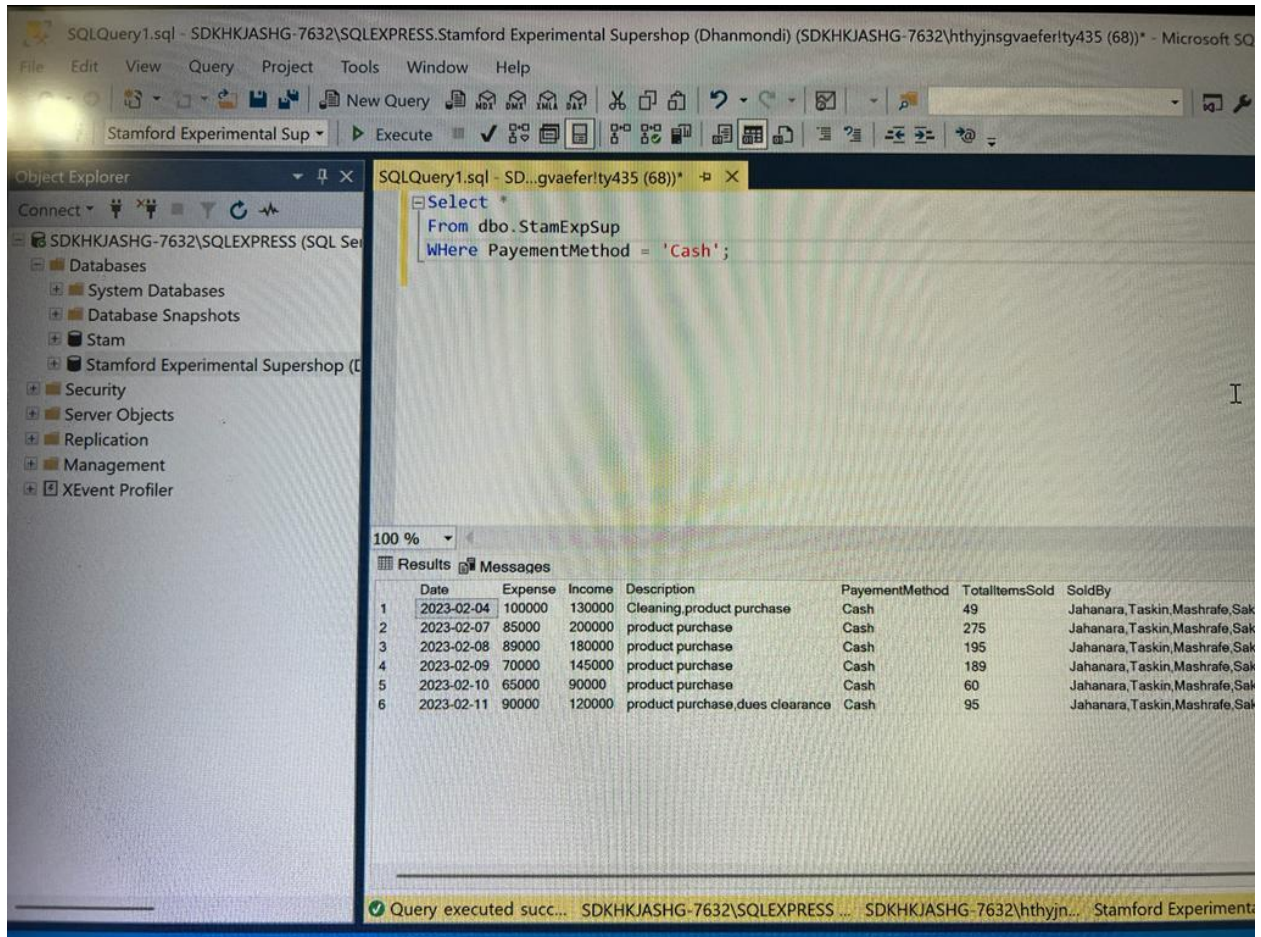
Pic 07 – Selecting data type.

Pic 08 – Using 'Select * 'command to open out database.

Pic 09 – Command for finding where 'Cash' was used clear the payment.