

24/07/23

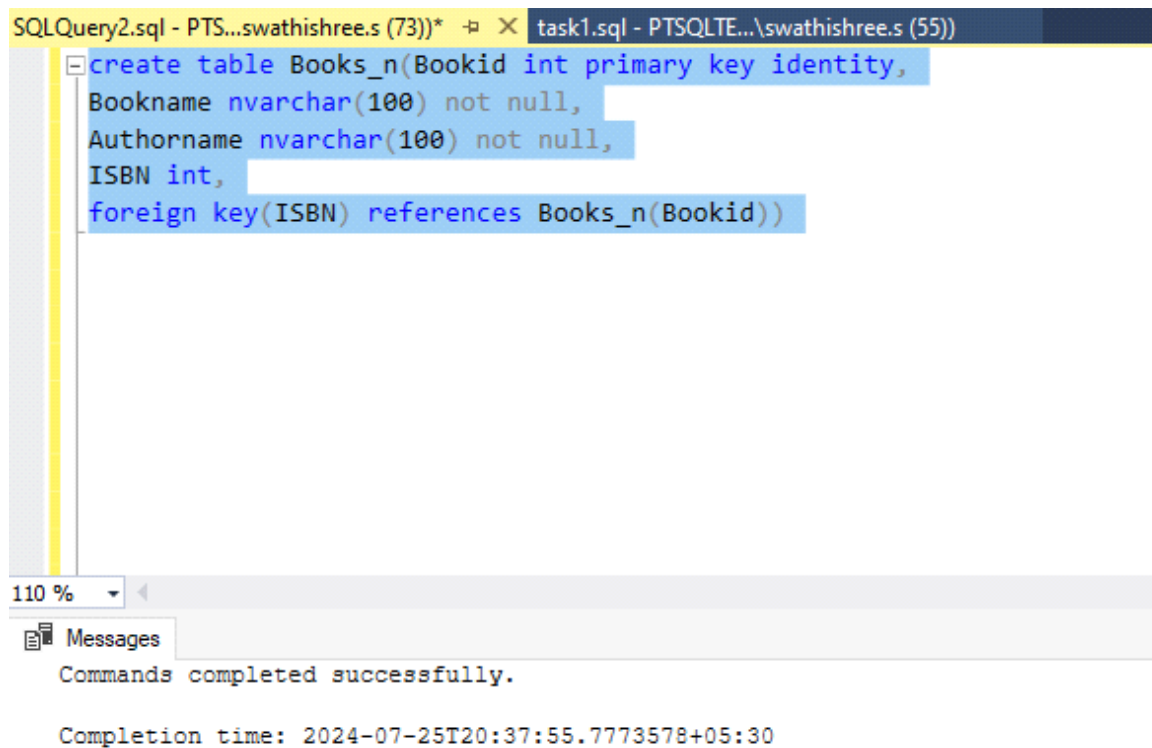
Daily task

Question 1:

Create Book as table with columns BookID, BookName, AuthorName, ISBN

Question 2:

BookID should be the primary key.



The screenshot shows a SQL Server Enterprise Manager window with two tabs: 'SQLQuery2.sql - PTS...swathishree.s (73))' and 'task1.sql - PTSQLE...swathishree.s (55)'. The active tab displays the following SQL code:

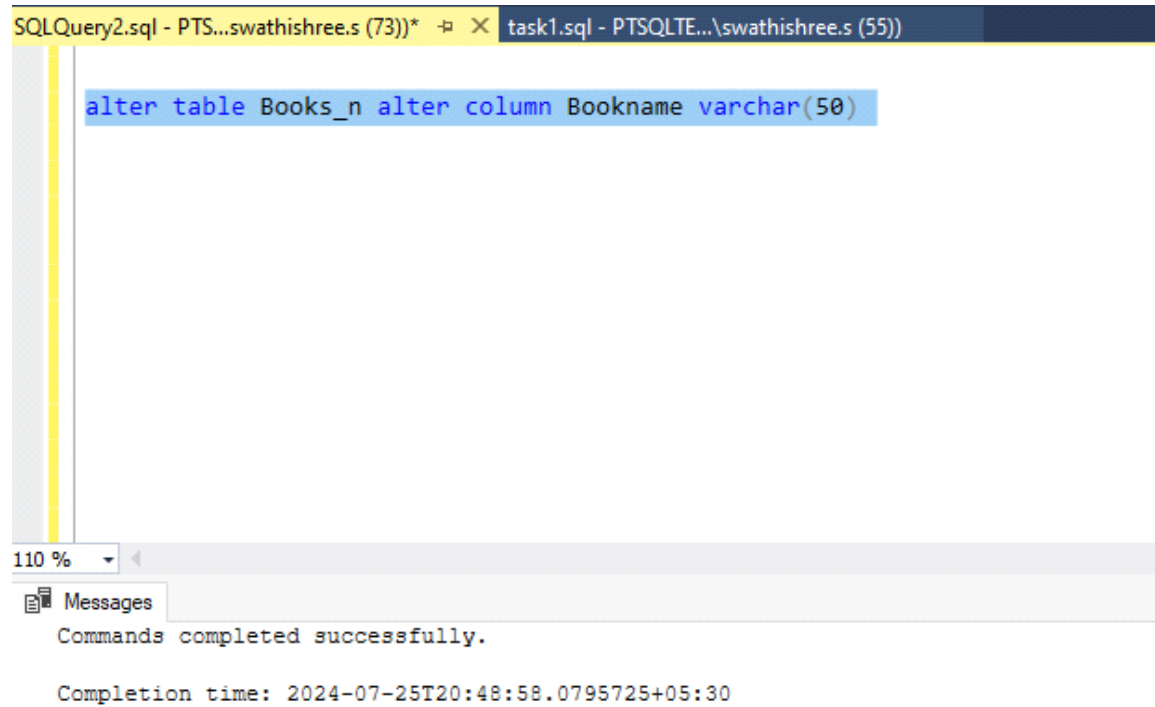
```
create table Books_n(Bookid int primary key identity,  
Bookname nvarchar(100) not null,  
Authorname nvarchar(100) not null,  
ISBN int,  
foreign key(ISBN) references Books_n(Bookid))
```

Below the code editor, the 'Messages' pane shows the following output:

```
Commands completed successfully.  
  
Completion time: 2024-07-25T20:37:55.7773578+05:30
```

Question 3:

Alter Type from NVARCHAR(100) to NVARCHAR(50)



The screenshot shows the SQL Server Enterprise Manager interface. The top pane displays two tabs: 'SQLQuery2.sql - PTS...swathishree.s (73))' and 'task1.sql - PTSQLE...swathishree.s (55)'. The active tab shows the following SQL command: `alter table Books_n alter column Bookname varchar(50)`. The bottom pane shows the 'Messages' tab with the text 'Commands completed successfully.' and 'Completion time: 2024-07-25T20:48:58.0795725+05:30'.

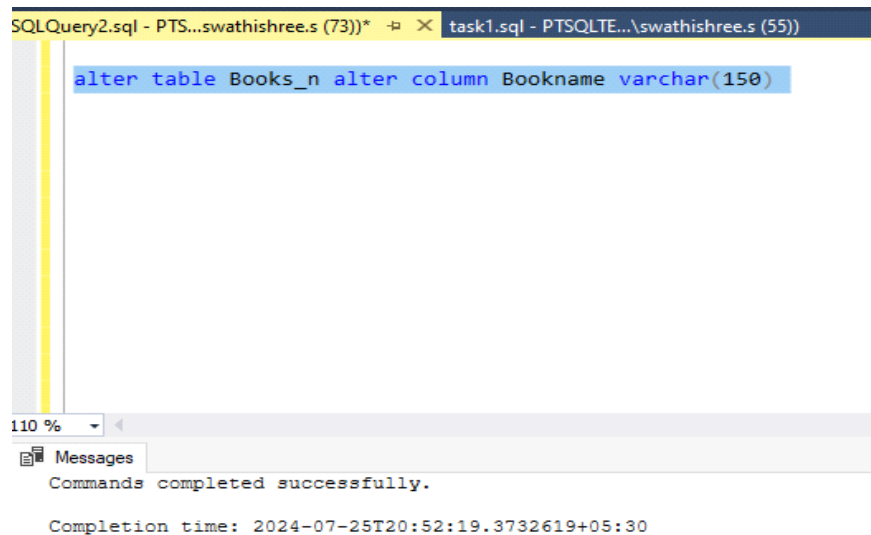
```
alter table Books_n alter column Bookname varchar(50)
```

Commands completed successfully.

Completion time: 2024-07-25T20:48:58.0795725+05:30

Question 4:

Alter Type from NVARCHAR(100) to NVARCHAR(150)



The screenshot shows the SQL Server Enterprise Manager interface. The top pane displays two tabs: 'SQLQuery2.sql - PTS...swathishree.s (73))' and 'task1.sql - PTSQLE...swathishree.s (55)'. The active tab shows the following SQL command: `alter table Books_n alter column Bookname varchar(150)`. The bottom pane shows the 'Messages' tab with the text 'Commands completed successfully.' and 'Completion time: 2024-07-25T20:52:19.3732619+05:30'.

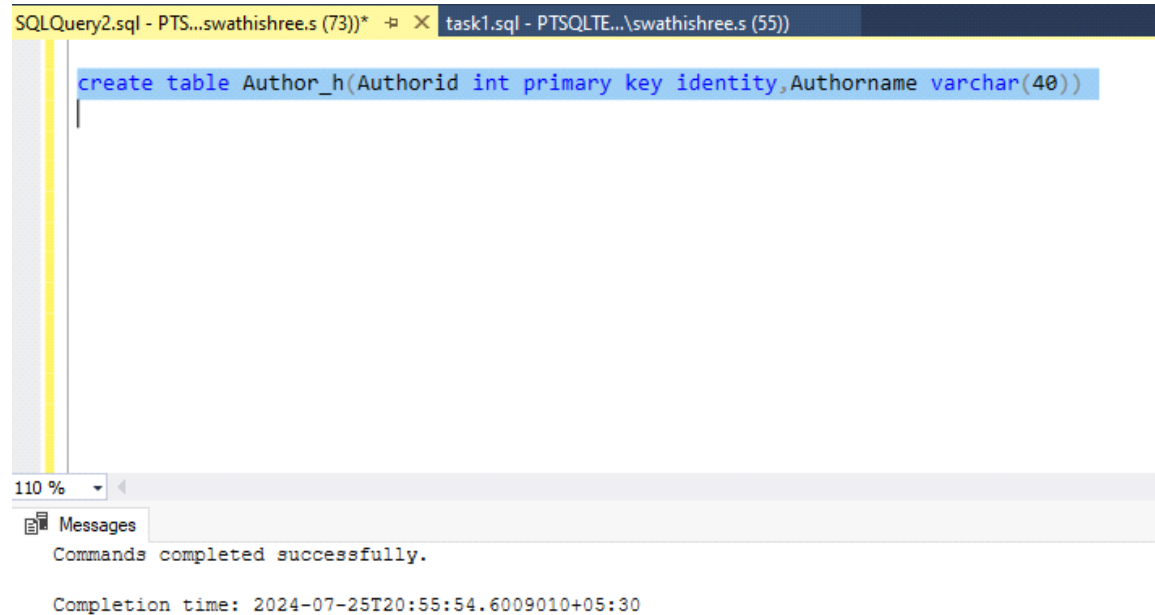
```
alter table Books_n alter column Bookname varchar(150)
```

Commands completed successfully.

Completion time: 2024-07-25T20:52:19.3732619+05:30

Question 5:

Create Books table with Bookid, Book name, Authors table with author id, author name



The screenshot shows a SQL Server Enterprise Manager window with two tabs: 'SQLQuery2.sql - PTS...swathishree.s (73))' and 'task1.sql - PTSQLTE...swathishree.s (55)'. The active tab contains the following SQL command:

```
create table Author_h(Authorid int primary key identity,Authorname varchar(40))
```

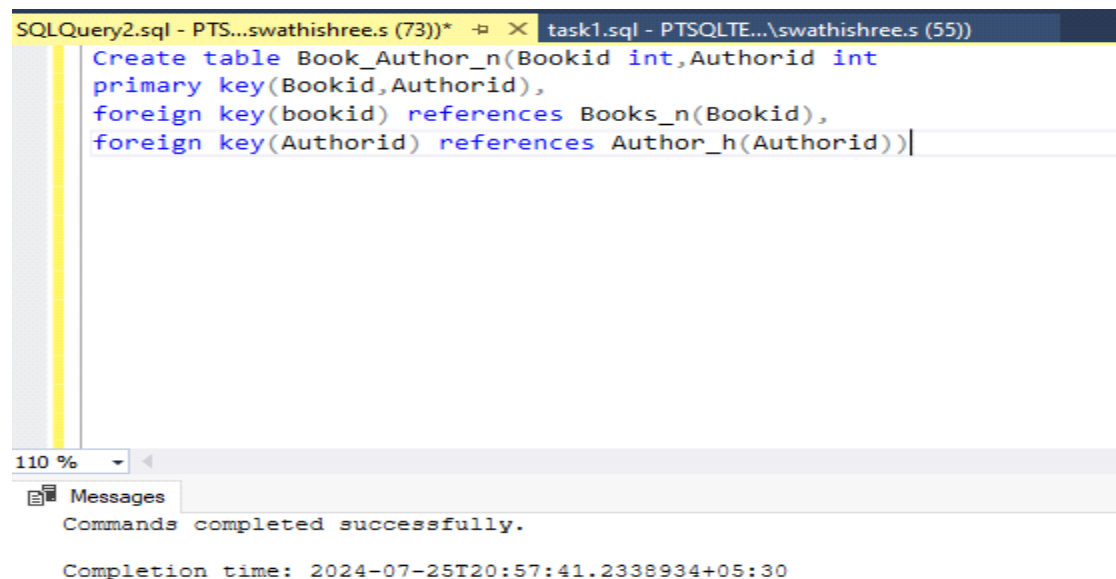
The command has been executed successfully. The 'Messages' pane at the bottom displays the following text:

Commands completed successfully.

Completion time: 2024-07-25T20:55:54.6009010+05:30

Question 6:

Create Junction table for Books and Authors



The screenshot shows a SQL Server Enterprise Manager window with two tabs: 'SQLQuery2.sql - PTS...swathishree.s (73))' and 'task1.sql - PTSQLTE...swathishree.s (55)'. The active tab contains the following SQL command:

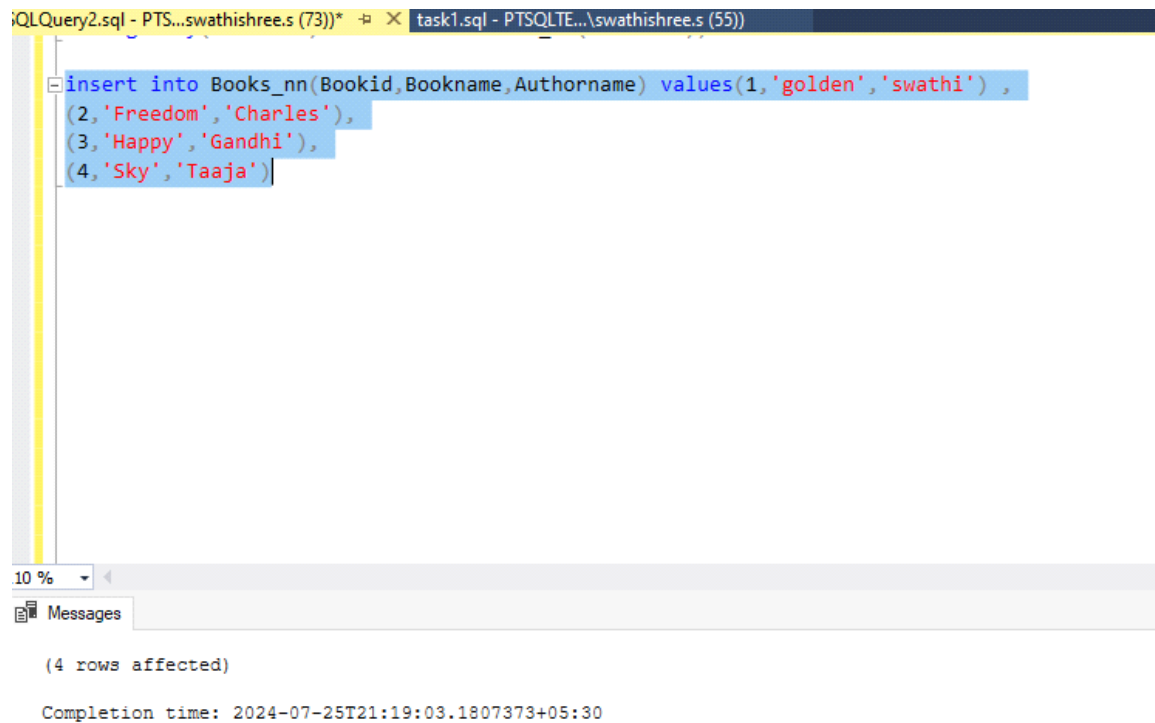
```
Create table Book_Author_n(Bookid int,Authorid int  
primary key(Bookid,Authorid),  
foreign key(bookid) references Books_n(Bookid),  
foreign key(Authorid) references Author_h(Authorid))
```

The command has been executed successfully. The 'Messages' pane at the bottom displays the following text:

Commands completed successfully.

Completion time: 2024-07-25T20:57:41.2338934+05:30

Insert the values for the table(Books_nn)



The screenshot shows the SQL Developer interface. The top pane displays an SQL query to insert four rows into the Books_nn table. The query is: `insert into Books_nn(Bookid,Bookname,Authorname) values(1,'golden','swathi') , (2,'Freedom','Charles'), (3,'Happy','Gandhi'), (4,'Sky','Taaja')`. The bottom pane shows the execution results, indicating that 4 rows were affected and the completion time was 2024-07-25T21:19:03.1807373+05:30.

```
SQLQuery2.sql - PTS...swathishree.s (73)) * task1.sql - PTSQLE...swathishree.s (55))

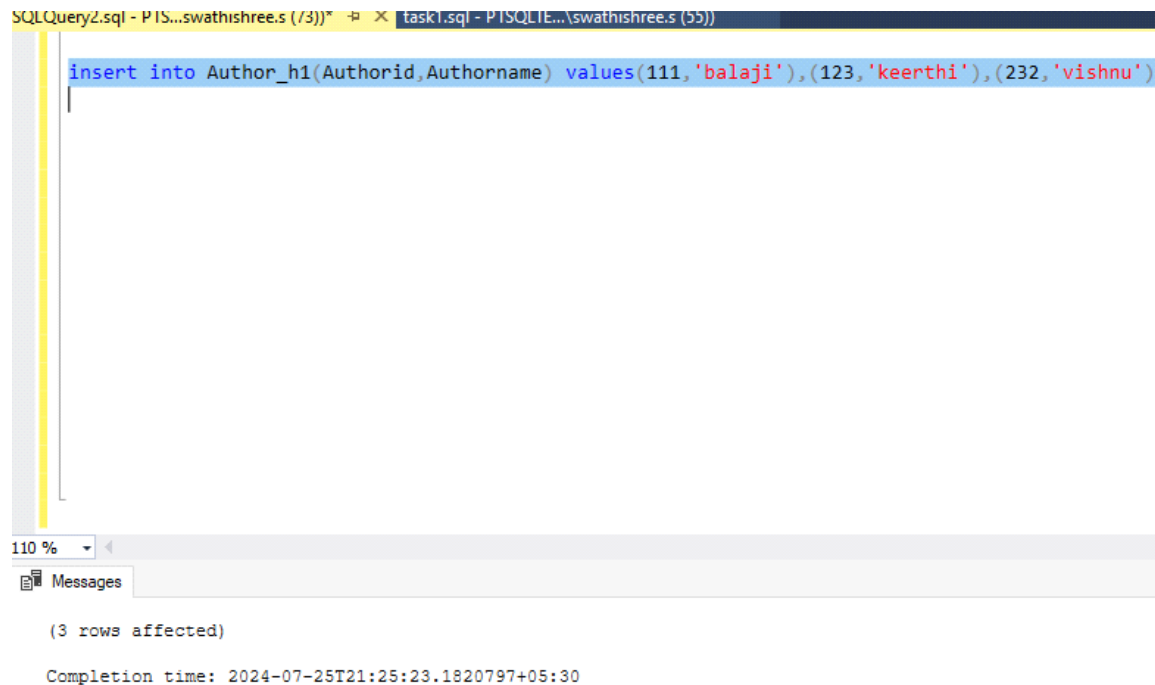
insert into Books_nn(Bookid,Bookname,Authorname) values(1,'golden','swathi') ,
(2,'Freedom','Charles'),
(3,'Happy','Gandhi'),
(4,'Sky','Taaja')

10 %
Messages

(4 rows affected)

Completion time: 2024-07-25T21:19:03.1807373+05:30
```

Insert the values for the table(author_h1)



The screenshot shows the SQL Developer interface. The top pane displays an SQL query to insert three rows into the Author_h1 table. The query is: `insert into Author_h1(Authorid,Authorname) values(111,'balaji'),(123,'keerthi'),(232,'vishnu')`. The bottom pane shows the execution results, indicating that 3 rows were affected and the completion time was 2024-07-25T21:25:23.1820797+05:30.

```
SQLQuery2.sql - PTS...swathishree.s (73)) * task1.sql - PTSQLE...swathishree.s (55))

insert into Author_h1(Authorid,Authorname) values(111,'balaji'),(123,'keerthi'),(232,'vishnu')

110 %
Messages

(3 rows affected)

Completion time: 2024-07-25T21:25:23.1820797+05:30
```

Junction between two table Books_nn and author_h1

The screenshot shows a SQL Server Enterprise Manager interface. At the top, there are two tabs: 'SQLQuery2.sql - PTS...swathishree.s (73))' and 'task1.sql - PTSQLE...swathishree.s (55)'. The active tab displays the query: `select * from Book_Author_n1`. Below the query editor, there is a zoom level of '110 %' and two tabs: 'Results' and 'Messages'. The 'Results' tab is active, showing a table with three columns: 'id', 'Bookid', and 'Authorid'. The table contains three rows of data. The first row is highlighted with a dashed border.

	Bookid	Authorid
1	1	111
2	2	123
3	3	232

