Name: Debashmita Saha, Enrolment Number: EBEON0524136576, **Batch Code: 2024-RDMS**

-- SQL Coding activity 1

CREATE DATABASE BookStore;

use BookStore;
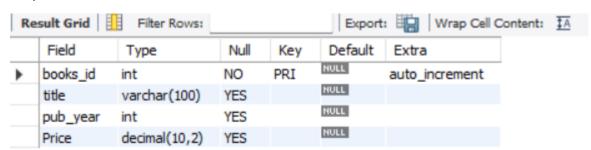
```
create table books
(
 books_id integer primary KEY
  AUTO_INCREMENT,
 title varchar(100),
 pub_year int,
 Price decimal (10,2)
);
```

Output:

	Field	Type	Null	Key	Default	Extra
▶	books_id	int	NO	PRI	NULL	auto_increment
	title	varchar(100)	YES		NULL	
	pub_year	int	YES		NULL	
	Price	decimal(10,2)	YES		NULL	

alter table books add ISBN varchar(20);

Output:

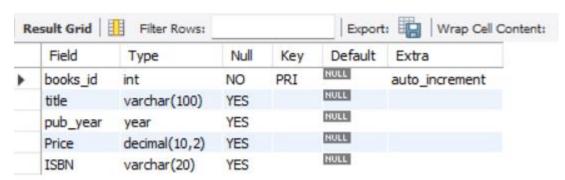| Field	Type	Null	Key	Default	Extra
books_id	int	NO	PRI	NULL	auto_increment
title	varchar(100)	YES		NULL	
pub_year	int	YES		NULL	
Price	decimal(10,2)	YES		NULL	
ISBN	varchar(20)	YES		NULL	

desc books;

alter table books modify column pub_year year;

output:

Field	Type	Null	Key	Default	Extra
books_id	int	NO	PRI	NULL	auto_increment
title	varchar(100)	YES		NULL	
pub_year	year	YES		NULL	
Price	decimal(10,2)	YES		NULL	
ISBN	varchar(20)	YES		NULL	

rename table books to LibraryCatalog;

desc LibraryCatalog;

Output:

Field	Type	Null	Key	Default	Extra
books_id	int	NO	PRI	NULL	auto_increment
title	varchar(100)	YES		NULL	
pub_year	year	YES		NULL	
Price	decimal(10,2)	YES		NULL	
ISBN	varchar(20)	YES		NULL	

insert into LibraryCatalog values(1, 'The Blue Unbrella', '1999', 99.99, 'ISBN1245-89-79');

select * from LibraryCatalog;

Output:

books_id	title	pub_year	Price	ISBN
1	The Blue Unbrella	1999	99.99	ISBN1245-89-79
NULL	NULL	NULL	NULL	NULL