Answer1 :

create table author(

author\_id INTEGER primary key not null,

first\_name varchar(20) not null,

last\_name varchar(20) not null

) ;

create table publisher(

publisher\_name varchar(20) primary key not null,

city varchar(20) not null,

country varchar(20) not null

) ;

create table book(

book\_id INTEGER primary key not null,

title\_name varchar(20) not null,

price INTEGER not null,

publisher\_name varchar(20),

foreign key (publisher\_name) references publisher(publisher\_name)

);

create table author\_book(

id integer primary key,

book\_id integer,

author\_id integer,

foreign key (book\_id) references Book(book\_id),

foreign key (author\_id) references Author(author\_id)

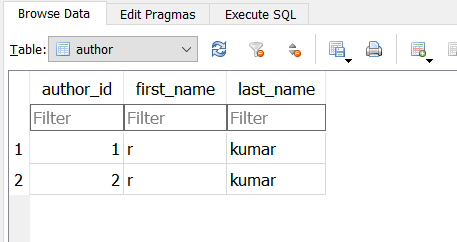
);

**Insert Data :-**

insert into author ('author\_id', 'first\_name', 'last\_name') values (1, 'r','kumar');

insert into author ('author\_id', 'first\_name', 'last\_name') values (2, 'r','kumar');

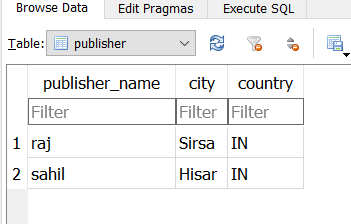
Select \* from author;



insert into publisher ('publisher\_name', 'city', 'country') values ('raj', 'Sirsa','IN');

insert into publisher ('publisher\_name', 'city', 'country') values ('sahil', 'Hisar','IN');

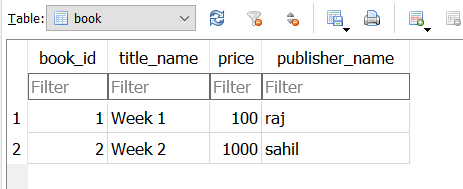
select \* from publisher,



insert into book ('book\_id', 'title\_name', 'price', 'publisher\_name') values (1, 'Week 1', 100, 'raj');

insert into book ('book\_id', 'title\_name', 'price', 'publisher\_name') values (2, 'Week 2', 1000, 'sahil');

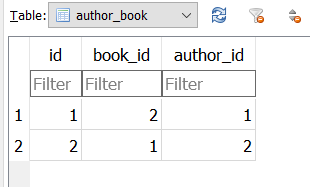
select \* from book



insert into author\_book ('id', 'book\_id', 'author\_id') values (1, 2,1);

insert into author\_book ('id', 'book\_id', 'author\_id') values (2, 1, 2);

select \* from author\_book



Answer 2:

select Top 3 \* from trades as t join users as u on t.user\_id = u.user\_id having t.status = 'complete' group by u.user\_id order by count(u.user\_id) desc

Answer 3:

Agile project management is a way of doing work or framework that takes an iterative approach to complete a project. Agile provides several ways to achieve tasks like Scrum project management. It is generally used for large-scale projects, and any feedback from the client can be added on a requirement basis. It is also a suitable option for AI projects because of large-scale and require Front to Backend and AI model integration, where spontaneous changes are very often. Agile provides all features and dynamic updates of any changes in the sprint.