Datr:
1 Publisher (Publisher ID, Publisher Name, Address)
- Publisher ID (int , Brimary key) > Publisher Name (String) (varchar)
> Publisher Name (String) (varchar)
- Address (String) (Varchar)
(2) Author (Author ID, AuthorName, Gerden, Birthdate, Country)
-> Author ID (int, Primaryley)
-> Author Name (String) (varchar)
> Gender (Steing (Varchar)
-> Birthdate (date)
-> Country (String) (varchar)
(2) Distance in Osice to Osice to Distance
(3) Book (ISBN, Author ID, Publisher ID, Publish Date, Book Title)
-3 ISBN (jut, Primary key)
-> Author ID (Foreign key from Author Table, int) -> Publisher ID (Foreign key from Publisher Table, int)
-> Publish Date (date)
-> Back Title (string) (Varchar)
1) Insert into Publisher Values (1; Ai , Johan Town)
2) (1 (2 "Hamza" Askari 10")
3) // (3 "Tarig", Drem Villas")
4) // (4 "Mustaja", "hokar")
5) // (5, "Irfan", "(antt")
lixe

```
1) Insect into Author values
                                                                " Pakistan")
                                                               "Irdia")
                                                               "Russia")
                                                               (tan")
                                                               China"
                                           "Male , 1990 - 4-6
                               1, 1, 1990-7-3
                                                  "Dimpy kid"
   Insert into Book values (12345)
                                                   "Two Kites
                                                   (1Blade Runner"
                                                   " Money "
                                       1984-8-2
                                       1990-4-6
                                                    " Political Science
 9#2
      austomer (table)
         Customer ID (varchar (10)
         Name (Strong) (Varchay)
        Gender (String) (Varchar)
       Contact no (varehou (15)
       Addres ( varchar
        Type (varchar)
                              foreign key (account table
     Account (table):
      - Account ID (int) (Primary key)
                      (int) (Foreign key (customer table))
   -> Account type (vanchau)
       Balance (float)
```

	Date:
Transaction (table): Fransaction Account DD Date Amount ((varchar) (Rumary Key (varchar/int) (Foreign Key (Accounts table)). dati) float)
Product (table):	(varchar)
Q#2	
AB	CD We can verify all these by
AC	ABC Reducing them. Therefore all
AD	ABD these are condidate keys.
ВС	ACD
BD	BCD
	ABCD
O# + Market	
(1) a Unsuccessful	because primarykey cout be null.
6 Successful	house one row is affected
(Unsuccessful	because primary key cant be nell
(d) Unsuccephul	because there cannot be duplicates in primary very
(e) Un successful b	ecause it violates referential integrity
constraint for	because primary key cant be null because primary key cant be null because there cannot be duplicates in primary key cause it violates referential integrity customer ID and product ID.

Date:
(2) Don row will be deleted and also I others because of it. being a foreign key (from Production Tolde and Communication). (b) One now will be deleted incorefully.
@ One now will be successfully deleted.
(a) 2 nous will be deleted successfully from Order Table.
2 2 nous deleted (1 from froduct Table, 1 from Production Table). 6 2 nous deleted (1 from Customer Table, 1 from Order Table).
© 2 nows deleted from Production Table (a) 3 nows deleted from Order Table (b) No You affected.
(a) Unsuccessful reformtial integrity constraint violation. (b) 1/ // // // // // // // // // // // //
(d) No row affected. (insucceptul,
(5) (a) 2 rows will be affected (1 from Customer Todde 1 from Order Todde) 6) 2 rows will be updated (1 from froduct table, 1 from Production Table)
1 2 rows will be affected 2 rows will be affected

Date:	
60 error	
D. May	-
© 1 row updated 2 rows updated	
@ 2 nows uptated	trice engine
O Unsuccessful, primary key connot be null.	inicialitation of party children.
(F) @ Referential Britigrity Constraint	
(7) Referential Integrity Constraint (b) Unoucaseful, violation error	and the American Spiriter
a 1 now updated	
	· Marine de Composito de Composi
(e) primary key connot be nul, constraint violation	************
O#5	*******
Date YYYY MM DD	
Time HH MI SS	
Date-Time yyyy MM DD : HH MI SS	
functions	
(1) Get Date ()	
(2) Date Add ()	
3 Date Diff()	1
(1) Date format ()	and the second second
(f) Date format () (f) Convert ()	De maritima management
(6) Year (), Month (), Day ()	
U PO / U	-

Date:
9#6
A composite key is a key that consider of more than one column. A composite primary key is a combination of two or more columns that uniquely identifies each row in a table. A foreign key is
A composite primary key is a combination of two or more columns
that uniquely identifies each row in a table. A foreign key is
a combination of 2 or more columns is a child table
a combination of 2 or more columns is a child table that references a composite primary play
Example:
Order Torde ():
Order to int Prinary begg
Customer To int,
Amount int,
Order date date,
Constraint pk_orders primary key (customent), orderdate)
Here we can see that the orders table has 2
composite primary keys