	Creating / Editing Tables in Delign View
	Table in Design View
Quu ·	How to create Table in Design view?
Ani ·	Steps for creating Table in Design View are alundon:
(i)	In database window, click on Tables Tab
(ii)	Click on create Table in design view
(iii)	1 10 10 10 10 10 10 10 10 10 10 10 10 10
(iv)	Enter details / field names
	Select data type
* (v)	You can add description ( under description column
* (vi)	you can uset field properties
viij	Now Save it (ctrl+5)

-	
1	Setting up Primary Key
1	(viii) choose any unique value (eg. violeno or admission number)
	[tumber]
	for Student Table
1,	Saving Table
	(ix) Type the name of Table and click OK
	(x) The new table will be added to list of tables in Database window.
Q.,,	to block of the Libert Colonial Call
V111	can modify a Table in Design view?
ma.	The different ways through which we can modify a Table in Design view are as under:
-	(1) Adding fields
	(2) Moving fields (3) Deleting fields (4) Changing field Properties
	(4) Changing field Properties

How its Add, Modify and Delete Fields in Table Design View?  (A) To Add field to a table in Design View follow these isteps:  (i) Click on a particular table and whose edit  (ii) click on a Blank field and istant adding Field Type and Description
(A) To Add field to a table in Design view follow these isteps:  (i) Click on a particular table and ichoose edit  (ii) Click on a Blank field and istant adding Field Type
(ii) click on a Blank field and utant adding Field Typ
V V
and Dawista
and pesouplies
IVO
(iii) Click an a Save icon
<u> </u>
(B) To Modify field of a table in Design view follow these esteps:
(i) Go to left blank uspace of farticular field
name which you want to cut
(ii) Paste it to the location where you want to Move
-

	(() To Delete a	field of a table in Design view follow pr :-
		left blank space of fartialar field which
	you wan	of ito Delete
	(ii) Right vl	lick the mouse and whose the option
	delete.	Large 2 Us
-	Set o	of o Table
Que	. How to nich	ange field properties in Design View?
Ane.	Sention 6	
		Field Properties
	711.00	<b>\}</b>
	Name of the same	A field type describes I determines which a field
154	A. T.	1. NUMBER Datatypes
DAT	ATYPES	2. TEXT Datatypes
		3. DATE Datatypes
		4. TIME Datatypes
	S CONTENT	S. DATE/TIME Datatypes
		6. BOOLEAN Datatypes

Duss.	what are various field proporties?
Ans.	Various properties of hield are as under:
	(i) Entry Required field property
	(ii) Length field property
	(iii) Decimal Places field groperty
	(iv) Default value field property
	(v) Format example field-property
***	· Various Field formets are:
	- Numeric / Currency Format
	1. Numeric / Currency Format  (a) Number
1	(b) Percent
5.3	(c) currency
6.	(d) Scientific
7	(e) Fraction
,	April 10 Control of the Control of t
1	2. Text field Type
1	/ -   239VIATA
-0	3. Date field Type
1	
7	4. Time field Type
	The state of the s
p.F.	5. Boolean Field Type
	The state of the s

Quel.	what in Data Validation ?
Ans.	It in the process of ensuring that a valid data ( as poor sules
-	What is Data Validation?  It is the process of ensuring that a valid data (as per rules ushould be allowed in a table.
	+ for doing this Entry Requied Field property
	is used.
openy.	And the second s
	Set Entry Required field property to Yes, if
-	that particular data is essential (or very imp.
	or uset it to No, if that farticular data
	is not essential.
Que	1
	1. How to user or change field properties a lable
1	in Design View?
	in Design View?
Ang.	in Design View?  Steps for charging field properties of a Table in Design
	Steps for changing field properties of a Table in Design view are as under:
	Steps for khanging field properties of a Table in Design
	Steps for schonging field properties of a Table in Design view one as under:
	Steps for schonging field properties of a Table in Design view are as under:  (i) open Table and wellest edit

	Performing operations on Tables
Quy.	How ito insert date in a Table?
Ang.	Steps to insort data in a Table are:
	(i) Click Tables on the Database window
	(ii) Select the table - Right which and welet open
	(iii) Click Insert -> Record
	(iv) Enter data in first field and then previous Tab
7	
Ques.	How ito edit / modify / Delete datain a Table?
Ans-	Step to edit / modify/ Delete data in a Table are as
	(i) Click Tables on the Database window
Editi	g (ii) Select the table -+ Right-click and welect open
	(iri) Make whanger in data of type newdata
	(iv) Save changes
	Charles to the
	Carlein to a grant of the
	(i) 11
Deletin	
	(iii) click on the Left wide of the Record that you
	(iv) Go to Edit then Delete option
	LIVI AD ME LUII ANDI DELLE ORLIGIA

Aus.	How ito wolf data in a Table?
And	· Sorting means arrangement of data cin a experific order. (whether Ascending or Descending order)
	is kalled sort-field.
	· Steps for sorting data in a Table are as under:
	(i) 1)
	(ii) ''
	(iii) click on the field Name, according to which you want to uself data
	to uselt data
	(iv) click on any whoice - Soit Ascending 21
	Sort Descending [A]
	(v) For the option Soft [] Soft order box will
76	(v) For the option Soft [2], Soft order box will appear. Choose as per your vieguirements.
	Relationships un Table
	For using linked data in multiple tables,

Types of Relations	hips			
71	tf 200 . +	1001 of 1570	Optional	rip that can
. There are be for	anie w	gotob	cite:	900
se joir	ned un	ac accom	<i>w</i>	
lis one - +	- 0.00			5
(i) one - to	-Monu-		11/2	
(iii) Many -:	to - men	y vielat	ionshi	ps
			G 539	- 204.1
i, one-to-one f	Relationsh	ip	1	
		850		(1)
Each viecord. Matching vi	in Tab	leA van-	have o	nly one
matching or	ecold in	Table B.	y - ji	( Ann)
Q		- Tick		
Let Park	Cred to		m 3	20. 12.1
Student Table				
Student Table	Roll No	Name	class	Oate of Birth
Student Table	Roll No	Name	clay	Oateof Birth
Student Table	Roll No	Name Harshit		Oateof Birth
Student Table	11 10	Name	clay	Oateof Birth
Student Table	2 3	Name Harshit Kishor Tanish	class	Oateof Birth
Student Table	11 10	Name Harshit Kishor Tanish	class 9	Oateof Birth 11/01/07 05/06/06
Student Table	2 3	Name Harshit Kishor Tanish Lucky Manish	9 9 9	Oateof Birth 11/01/07 05/06/06
Student Table	1 2 3 4	Name Harshit Kishor Tanish Lucky	9 9 9	Oateof Birth  11/01/07  05/06/06  09/07/07  07/02/07

	Name and Advanced to the Control of		
-	Project ID	Project Name	Roll No
	1001	IBM wation	6
	P002	Deep web	3
	P003	E-learning	4 2
	Pooy	Sentiment Analysis	
	1005	Robotics	
	P006	AI	5
		ip an have many mate	thing view
A Record i	n Table A v	an have many mate	,
A Record i	n Table A v	an have many mate	January -
A Record i	n Table A v	an have many mate	January -
A Record i	n Table A v	an have many mate	January -
A Record i un Table Teacher Table	n Table A vo	an have many mate	January -
A Record i un Table Teacher Table	Table A vo	Name Rohit	January -
A Record i	Table A vo	Name Robit Braveen	January -
A Record i un Table Teacher Table	Table A vo	Name Robit Praveen Hemant Monau Suman	January -
A Record i un Table Teacher Table	Table A vo. B.  Racher ID  101  102  103  104	Name Robit Praveen Hemant Manay	January -

7	Rollno	Nome	Class	Date of Birth	Teacher
	1	Harshit	9	11/01/07	103
	2	Kishor	9	05/06/06 .	103
1	3	Tanish	9	03107/07	103
	4	Lucky	9	07/02/07	103
(4)	S	Janish 1	9	09103106	103
	6	Sakshi	9	08/04/07	103
	Lave I	of Local Control		- W	
· AR	ecord a Table y mat	in Table B and Ching re	A Ka a vie coods vi	n-have many cold in Table in Table A:	B van Aave
· AR	Table y mat	in Table B, and Shing re	A Ka a vie coods vi	n have many cold in Table in Table A: if in possible	B can have
· AR	Table y mat	in Table B, and Shing re of Rel stable	A Ka  a vie  coods vi  etionsh	n-have many cold in Table in Table A.	B can have
· AR	Table y mat	in Table B, and Shing re of Rel stable	A Ka a vie coods vi	n have many cold in Table in Table A: if in possible	B can have
· AR	Table y mat	in Table B, and Shing re of Rel stable	A Ka  a vie  coods vi  etionsh	n have many cold in Table in Table A: if in possible	B can have
· AR	ecold a Table y mate type Third	in Table B, and Ching re of Rel stable	A ka a vie cords vi ationsh	n-have many cold in Table in Table A.  if in possible  Junction To	B can have
· AR	ecold a Table y mate type Third	in Table B, and Ching re of Rel table	A ica a vie cords vi ationsh	n have many cold in Table in Table A: if in possible	B can have

\* A Mary-to-many vielationship is actually two
one-to-many vielationships with a Third Table.

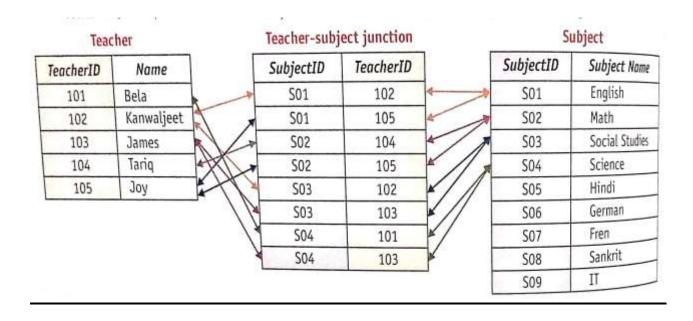
## **One-to-One Relationship**

ProjectID	ProjectName	RollNo	RollNo	Name	Class	DateOfBirtl
P001	Water Pollution	5	1	Raghav	10	11/17/04
P002	Sustainability	3	2	Simrat	10	12/22/04
P003	Demographic Issues	2	3	Jacob	10	05/09/03
P004	Weather and Pollution	1	4	Yakub	10	09/11/03
P005	Issues behind Brain	4	5	Venkat	10	02/01/05

## **One-to-Many Relationship**

TeacherID	Name	RollNo	Name	Class	Teache
101	Bela	1	Raghav	10	103
102	Kanwaljeet	2	Simrat	10	103
103	James	3	Jacob	10	103
104	Tariq	4	Yakub	10	103
105	Joy	5	Venkat	10	103

## **Many-to-Many Relationship**



	one-to-	one vielationship many vielationship one vielationsh	(1-to-n)
(6)	Define relation	thips which can	be:
(5)	click close butte	en.	
	Added tables will window.	Shown un Kel	allonshipi
	Now in Add Tables Onships you want	- walting	suite at a vice of the second
(2)	Go eto Add Table		
-	on the Menu bar, g		
- Fo	e creating and edition	g relationship and	iong Table folla,
- 00	· How to wreate of	Relationships	710 14

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				deleted	lated data or chan	ged.	-7.0	70.	0
	Cond	itions for	Refer	nertial I	integnity				
	Refe	rential I	tegnit	y kan b	e iset if	following	y Ko	nditio	nt as
	(i) ·	The mate	hing f	ield fro	unique i	imary .	table	in a	ι
	-	primary 1	Rey of	tay o	unique i	ndex.	(2)	24	- 11
	(ii) -	The vielat	ed fiel	ds have	the yam	e data	type	-	
	(iii)	Both to	blei	belong ito	the yar	ne Dat	abai	e.	
•	Rule	of R.	eferent	ial Integr	rity				
	(i) You	the or	enter	a value	in the	an's ex	n ke	ey of	ield
	in the po	rimany Rey	b the B	nimony. Table.	that does				1
	-	Name	1		ROUND	Name	llau	DOB	Tua
	TeachorI	-	1		-1	Roghau		011-8	-en
-	101	Rajest			2	Venkat	9	02/03	-
	103	Robit			3	Simulat	9	-	103

	(ii) You table	if mat	dolote c	cords o	old exist	from o	a primo
	Related	Table-					
		-,-	(1			UNS	
	TeacherID	Name	ROUND	Name	class	DOB	Teacher
	101	Praven	1	Raghan	9	01/08/93	
	102	Rajesh	2	Verkat	9	02/06/94	103
tere -	103	Robit)	3	Simulat	9	03/21/22	(03)
canno	t Delete A				21.		3
this 1	beerd /	r	rate a		1	- 1	i
	Primary	A STATE OF	Da sia		16-	d li	151
	Table		ų.	Re	lated -	Table	

(iii) You rannot change a Primary Key Value in the Brimary table, if that viecord has related viecords.