



	mple Da								
Nations									
Name	te	xt Co	mmon ra	ather	than c	offici	al name		
Domain	te	ext In	ternet	top-1	level d	lomain	name		
Capital	L te	xt Na	Nation's capital Approx. latitude of capital Latitude is N(orth) or S(outh) Approx. longitude of capital Longitude is E(ast) or W(est)						
Latitud	ie nu	mber Ap							
N_S									
Longitu									
E_W									
Interes	st te	xt A short description of the co				e country			
Primary M	Key: Nam	ne							
Name	Dom	Capital	Lat	NS	Lon	EW	Interest		
Ireland	IE	Dublin	52	N	7	W	History		
Israel	IR	Jerusalen	32	N	35	Е	History		
Italy	IT	Rome	42	N	12	Е	Art		
Jamaica	JM	Kingston	18	N	77	W	Beach		
	JP	Tokyo	35	N	143	E	Kabuki		





SEI	LECT	*					
FRC	DM N	ations					
WHE	ERE	Interest	: =	'Be	ach'		
Name	Dom	Capital	Lat	NS	Lon	EW	Interest
Australia	AU	Canberra	37	s	148	Е	Beach
Australia			25	N	78	W	Beach
Bahamas	BS	Nassau	25				
	BS BB	Nassau Bridgetown		N	59	w	Beach
Bahamas							
Bahamas Barbados	BB	Bridgetown	13	N	59	W	Beach

Project

- Builds a new table from the columns of an existing table
- Specify name of existing table and the columns (field names) to be included in the new table
- The new table will have the same number of rows as the original table, unless ...
 - □ ... the new table eliminates a key field. Duplicate rows in the new table are eliminated.

7



Proje	ELECT Name,	Domai	n Interes	÷
	ROM Nations		II, IIICELES	
г	ROM Nations			
	Name	Dom	Interest	
	Nauru	NR	Beach	
	Nepal	NP	Mountains	
	Netherlands	NL	Canals	
	New Caledonia	NC	Beach	
	New Zealand	NZ	Adventure	
	Figure 16.8 Sample operation on Nation		a Project	9



SFLF	CT Name, Domair	Latitude		
FROM	Nations E Latitude >= 6			
	Name	Dom	Lat	
	Finland	FI	61	
	Greenland	GL	72	
	Iceland	IS	65	
	Norway	NO	60	
	Figure 16.9 No	rthorn th	e table of	
	countries with			





SELECT FROM Na WHERE I UNION	atio							
SELECT			d ns	=	'N'			
FROM Na WHERE I		ns >= 45 AN	d NS	=	'S'			
Name	Dom	Capital	Lat	NS	Lon	EW	Interest	
Falkland Is	FK	Stanley	51	s	58	W	Nature	
Finland	FI	Helsinki	61	N	26	Е	Nature	
	GL	Nuuk	72	N	40	W	Nature	
Greenland	GL							
Greenland Iceland	IS NO	Reykjavik Oslo	65 60	N	18 10	W	Geysers Vikings	



Friend Text A Traveling Companion Homeland Text Friend's Home Country Primary Key: Friend Wen China	
Primary Key: Friend Wen China	ICa
(a) Clare Canada	
(b)	

		CT * Nati	on	s,		Γr	avel	ers	
Name	Dom	Capital	Lat	NS	Log	EW	Interest	Friend	Homeland
Cyprus	CY	Nicosia	35	N	32	Е	History	Clare	Canada
Czech Rep.		Prague	51		15	Е	Pilsner	Isabella	Argentina
Czech Rep.		Prague	51		15	Е	Pilsner	Brian	South Africa
Czech Rep.		Prague	51		15	Е			China
Czech Rep.		Prague	51				Pilsner		Canada
Denmark	DK	Copenhagen	55	N	12	Е	History	Isabella	Argentina
enmark gure 16.12	DK Some	Copenhagen	55 super		12 e tha	-	History		Argentina I Travelers. For eac

Join • Combines two tables, like the Product Operation, but doesn't necessarily produce all pairings Join operation: Table1 X Table2 On Match • Match is a comparison test involving fields from each table (Table.Field) A match for a row from each table produces a result row that is their concatenation 18











Solution

SELECT Performer, PerformanceDate FROM (events INNER JOIN venues ON events.VenueID = venues.ID) INNER JOIN performers ON events.PerformerID = performers.ID WHERE Venue = 'Paramount Theater'

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