TEST PLAN

A. create

ID	Test	Element tested	Expected Result	Actual Result	and Scre	enshot		
				as expected TABLE ACTORS				
				Column	Nul	1?	Гуре	
				ACTOR_ID	NOT N	NULL NUMB	ER(9,0)	
	CREATE TABLE actors(A_FIRST_NAME	-	VARCI	HAR2(30)	
	Actor_id NUMBER(9),			A_SURNAME	-	VARCI	HAR2(30)	
	A_First_Name VARCHAR2(30), A_Surname VARCHAR2(30),			A_GENDER	-	CHAR	(1)	
	A_Gender CHAR(1),			A_EMAIL	_	VARCI	HAR2(50)	
	A_Email VARCHAR2(50), A_City VARCHAR2(30),	creation of	a table for	A_CITY	_	VARCI	HAR2(30)	
	A_Country VARCHAR2(15),	a new table	the actors	A_COUNTRY	_	VARCI	HAR2(15)	
	A_Date_of_birth DATE);	named	with the	A_DATE_OF_BIR	TH –	DATE		
1	desc actors	actors with 8 columns	appropriate columns					
	4000 400013	J COIGIIIII	COTATITIO	as expected				
				TABLE SERIES				
				Column	Null	L?	Туре	
				SERIES_ID	NOT N	ULL NUM	BER(6,0)	
	CREATE TABLE series(Series_id NUMBER(6), S_Title VARCHAR2(50), Description VARCHAR2(50),	a new table t	w table the series with the spropriate	S_TITLE	-	VAR	VARCHAR2(50)	
				DESCRIPTION	-	VAR	CHAR2(50)	
	Episodes NUMBER(3),			EPISODES	-	NUM	BER(3,0)	
	Seasons NUMBER(2), Year DATE);			SEASONS	-	NUM	BER(2,0)	
2	desc series	series with 6 columns		YEAR	-	DAT	E	
	CREATE TABLE casting(as expected				
	Actor_id NUMBER(9),				ull?	Туре		
	Series_id NUMBER(6),	creation of		ACTOR_ID	- NUM	MBER(9,0)		
	Episode_id NUMBER(9), Role VARCHAR2(50));Year	a new table named	a table for the casting	SERIES_ID	- NUM	MBER(6,0)		
	DATE);	casting	with the	EPISODE_ID	- NUN	MBER(9,0)		
3	desc casting	with 4 columns	appropriate columns	ROLE	– VAF	RCHAR2(50)		
				as expected				
	CREATE TABLE episode(Column	Null?	Туре		
	Episode_id NUMBER(9),			EPISODE_ID NO	T NULL N	NUMBER(9,0)		
	Series_id NUMBER(6),	creation of	a table for	SERIES_ID -	- 1	NUMBER(6,0)		
	Season NUMBER(2), E_Title VARCHAR2(50),	a new table named	a table for the episode	SEASON -	- 1	NUMBER(2,0)		
	Length NUMBER(6));	episode	with the	E_TITLE -	- \	VARCHAR2(50)		
4	desc episode	with 5 columns	appropriate columns	LENGTH -	- N	NUMBER(6,0)		
	CREATE TABLE viewer(Columnia	COIGIIIIIS		·			
	Viewer_id NUMBER(9),	creation of	a table for					
	V_First_Name VARCHAR2(10), V_Surname VARCHAR2(20),	a new table named	the viewers with the					
	V_Gender CHAR(1),	viewer with	appropriate					
5	V_Email VARCHAR2(50),	9 columns	columns	as expected				

	\/ City \/ADCHAD2/20\			TABLE VIEWER			
	V_City VARCHAR2(30), V_Country VARCHAR2(35),			Column	Null?	Туре	
	V_Address VARCHAR2(35),			VIEWER_ID	NOT NULL	NUMBER(9,0)	
	V_Date_of_birth DATE);			V_FIRST_NAME	_	VARCHAR2(10)	
				V_SURNAME	_	VARCHAR2(20)	
	desc viewer			V_GENDER	_	CHAR(1)	
				V_EMAIL	_	VARCHAR2(50)	
				V_CITY	_	VARCHAR2(30)	
				V COUNTRY	_	VARCHAR2(15)	
				V_ADDRESS	_	VARCHAR2(35)	
				V_DATE_OF_BIRTH	_	DATE	
				V_DATE_OI_BIRTH		DATE	
				as expected TABLE VIEWERSH	JTD.		
				Column	Null?	Туре	
	CREATE TABLE viewership(Nucc:		
	Viewer_id NUMBER(9),	creation of	a table for	VIEWER_ID	_	NUMBER(9,0)	
	Episode_id NUMBER(9),	a new table	the	EPISODE_ID	_	NUMBER(9,0)	
	Series_id NUMBER(6), Date watched DATE);	named viewership	viewerships with the	SERIES_ID	_	NUMBER(6,0)	
	Date_watched DATE),	with 4	appropriate				
6	desc viewership	columns	columns	DATE_WATCHED	-	DATE	
	·			as expected			
			a sequence	Min Value		10000001	
			of numbers	Max Value		19999999	
			between the	Increment By		1	
	CREATE SEQUENCE seq_actors		MINVALUE	Cycle Flag		N	
	START WITH 100000001 INCREMENT BY 1	creation of	and the MAXVALUE				
	MINVALUE 100000001	a sequence	chosen and	Order Flag		N	
	MAXVALUE 199999999	for actors	increasing by	Cache Size		20	
7	NOCYCLE;	ID	step 1	Last Number		100000021	
				as expected			
				Min Value		100001	
			a sequence	Max Value		199999	
			of numbers	Increment By		1	
	CREATE SEQUENCE seq_series		between the MINVALUE				
	START WITH 100001		and the	Cycle Flag		N	
	INCREMENT BY 1	creation of	MAXVALUE	Order Flag		N	
	MINVALUE 100001	a sequence	chosen and	Cache Size		20	
	MAXVALUE 199999	for series	increasing by				
8	NOCYCLE;	ID	step 1	Last Number		100021	
			2 00000000	as expected		200000001	
			a sequence of numbers	Min Value Max Value		39999999	
			between the	Max Value			
	CREATE SEQUENCE seq_episodes		MINVALUE			1 N	
	START WITH 200000001		and the	Cycle Flag		N	
	INCREMENT BY 1	creation of	MAXVALUE	Order Flag		N 30	
	MINVALUE 200000001	a sequence	chosen and	Cache Size		200000031	
9	MAXVALUE 399999999 NOCYCLE;	for episodes ID	increasing by step 1	Last Number		200000021	
	HOUTCL,	chisones in	a sequence				
	CREATE SEQUENCE seq_viewers		of numbers				
	START WITH 400000001		between the				
	INCREMENT BY 1	creation of	MINVALUE				
	MINVALUE 40000001	a sequence	and the				
10	MAXVALUE 699999999	for viewers	MAXVALUE	as expected			
10	NOCYCLE;	ID	chosen and				

	increasing by	Min Value	400000001
	step 1	Max Value	69999999
		Increment By	1
		Cycle Flag	N
		Order Flag	N
		Cache Size	20
		Last Number	400000021

		Element		
10	Took		Function Describ	Astronal Deposits and Consequent
ID	Test	tested	Expected Result	Actual Result and Screenshot
				as expected
				ACTOR_ID A_FIRST_WEE A_SERVANE A_CENSER A_DINCT. A_CETY A_COUNTRY A_MATE_M_REEN 188989991 09798 CHRISTON N SCHRESTON/SPRIL(-ON NEW YORK USA 87-908-1554
				200000002 ANDN PIUL PI AFRILGOUIL-COM DETROIT 15A 27-405-1979
				1080000003 MMAA COMM
				200000005 PHEA SEENGON F RECEDING/GRAZIL.COM NEW YORK LEA 12-MAY-1972
				1000000000 COUNTINGS
				DRERHORDE NATT LIELANC M MLEENOGOMAIL-COM NEW VORK LEA 25-342-3647
			all the 8	2009000000 3U,LA
				388899911 PEGRO PRECAL M PRECALGRATHREL.COM HEAVE INCIDED STATES 84-JUN-1989
			columns with	200000012 DHILIA CLARK F ECLARGOSTRALL, COM LORDON EMALAND 23-0CT-1986 300000013 CERMANDO ESPOSITO N GEROSTRANSFERMEN, COM MEMOS MATTER CRAITE CHARGE MATTER CRAITE.
			all the data	
			from actors'	188989835 35847998 PRICE M
1	SELECT * FROM actors;	query a1	table	188999919 KICHNEL PELMEKI M MHILWEKIEWETHALL, COM WANDEN PELMED 29-389-3992
				as expected
				SERIES_ID S_TITLE DESCRIPTION EPISODES SEASONS YEAR
				10001 BREAKING BAD DRAMA 62 5 03-FEB-2008
				100002 BETTER CALL SAUL DRAMA 65 6 05-JAN-2015
				100003 THE WIRE DRAMA 60 5 02-JUN-2002
				100004 FRIENDS COMEDY 236 10 10-FEB-1994
			all the 6	100005 SEINFELD COMEDY 180 9 19-MAY-1989
			columns with	100006 NARCOS DRAMA 30 2 25-MAY-2015
				100007 SUPERNATURAL DRAMA 327 15 25-MAR-2005
			all the data	100008 THE CROWN DRAMA 70 6 12-DEC-2016
			from series'	100009 GAME OF THRONES DRAMA 73 8 05-FEB-2011 100010 JOEY COMEDY 80 5 15-JUL-2004
2	SELECT * FROM series;	query a2	table	100011 THE LAST OF US DRAMA 8 1 20-FEB-2023
-		12.2.1	all the 4	
			columns with	
			all the data	
			from casting's	
3	SELECT * FROM casting;	query a3	table	as expected
ر	JELECT THOWICASHING,	quei y as	table	as expected

		1	I						
				ACTOR_ID	SERIES	_ID	EPISODE_ID	ROL	
				100000001			200000001	WALTER WH	
				100000001			200000002	WALTER WH	
				100000001			200000003	WALTER WH	
				100000002			200000001	JESSE PIN	
				100000002			200000003	SKYLER WH	
				100000004			200000002	SAUL GOOD	
				100000004			200000003	SAUL GOOD	
				100000004			200000004	SAUL GOOD	
				100000005	100002		200000003	KIM WEXLE	R:
				100000006	100004		200000007	MONICA GE	LLER
				1000000006	100005		200000010	MERYL WHI	TE
				100000007	100004		200000007	CHANDLER	BING
				100000008	100004		200000007	JOEY TRIB	BIANI
				100000008	100010		200000017	JOEY TRIB	BIANI
				1000000009	100005		200000010	ELAINE BE	NES
				100000010	100003		200000005	STRINGER	BELL
				100000011	100006		200000011	JAVIER PE	NA
				100000011	100009		200000015	OBERRYN M	ARTEL
				100000011			200000016	OBERRYN M	ARTEL
				100000011			20000018	JOEL .	
				100000011			200000019	JOEL KHALEESI	
				100000012			200000010	GUS FRING	
				100000014			200000005	JIMMY MON	
				100000015			200000014	PRINCE PH	
				100000016			200000001	NACHO VAR	
				100000017	100007		200000012	DEAN WING	HESTER
				100000018	100007		200000012	SAM WINCH	ESTER
				100000018	100007		200000013	SAM WINCH	ESTER
				as expe	ected				
				EPISODE_ID		SEASOI	N E_T	TTLE	LENGTH
						5	OZYMANDIAS		3120
					100001	6	SUNSET SAUL GONE		3450
				200000004	100002	2	NAILED		3215
					100003	2	BAD DREAMS MISGIVINGS		3152 3650
					100003	9	THE ONE WITH	THE MUGGING	1500
				200000008	100004	3	THE ONE AT T		1453
				200000009	100004	3	THE ONE WITH	THE BALL	1380
					100005	1	DESCENSO		3250
					100007	1	WENDIGO		3152
			all the 5		100007	3	MONSTER MOV3		3050
			columns with		100009	1	WINTER IS CO		3133
			all the data		100009	3	THE CLIMB		3124 1244
			from episodes'	200000017	100010	1	LOOK FOR THE		3424
1	CELECT * EDOM!	query a4	table	200000019	100011	1	WHEN WE ARE	NEEDED	3424
	SELECT * FROM episode;		1	t	ected				
	SELECT * FROM episode;			as expe	cocca				
	SELECT ** FROM episode;			as expe	Y, SUPPLIES Y, SUPPLIES AND ADDRESS OF THE PARTY OF THE P	2003/00/00	DRUL Y_COTY N	COUNTRY Y_AMORESS NGLIND SKINT COOKER S	1,0475_01,0007W 20-409-1505 33-007-1602
	SELECT * FROM episode;		all the 9	3S expe	E-SERVICE V_SERVER BROWN H BOVEN H BRYSHIT H PAPRODROULOS H	R V, SERGREGOV HERICANT (OF CHINADO)	# V_CETY	COUNTRY Y_AMMESS NGLIND SAIDLY GEORGE S NGLIND AREY ROAD ID SA LIDICIN 24 RECCE EDINTIAS 30	X_BERE_MF_BERE 33-000-1502 23-000-1502 33-000-1503 33-000-1504
	SELECT * FROM episode;		all the 9	VSDRE, 29 V_STRET_MANN HORSONO 2004 HORSONO 2004 HORSONO 2005 HORSONO 3004	*_SERNANE *_SERNANE *	R V, 3000MgON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEYON MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONEY MONE	PRINCE Y_CETY N DL-COM LORONS OF DL-COM MACCETTER O NUL-COM NEW YORK NUL-COM TRESSAURING OF NEW YORK LORONS OF NUL-COM NEW YORK NUL-COM NUL-CO	CONSTRET V_ARRESSES SANST CECNOS S SOCIATO ARCY FORO SB ARCY FORO SB ARCHEO ARCY FORO SB RECCE ERRETAS 39 SOLUTION SANST CECNOS 233	1_BHT_B*_BBHT* 20-400-1001 32-400-1002 32-400-1009 32-500-1009 32-600-1009 32-400-1009 32-400-1009
	SELECT * FROM episode;			VSDRE, 29 V_STRET_MANN HORSONO 2004 HORSONO 2004 HORSONO 2005 HORSONO 3004	#_SERRORE W_SERRORE BROWN M BROWN M BROWN M PAPRODUCIOS M JAMEUS M	R V, SERVINGON PER PER PEN	1800. Y_CETY V 15GP	CONSTRUCT N, ADDRESS NGLAND SAIDS COORDES S NGLAND SAIDS S NGLAND SAIDS S NGLAND SAIDS S NGLAND SAIDS S NGLAND S NGLAN	C, MITC, MF, MITCH 349 (H1-C) (MT) 349 (H1-C)
	SELECT * FROM episode;		columns with	VEREZ, 30 C. F. V. FEZZ, JAMES GROSSICO 2000 GROS		R V, SERVINGON MERCATON MERCA	\$1,000 \$ \$2,000 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		CARROL OF CARROL 200 AND COSTS 200
5_	SELECT * FROM episode; SELECT * FROM viewer;	query a5	columns with all the data	VERMEN, 10 V. FEST, JAMES	*_SERNANE *_SERNANE *	R V, SIRAMAGON PRINCIPLO CONTROLOGO ROMPOSORO SIRAMAGON			CARC, AT, SARCA AREA COLOR AREA C
5			columns with all the data from viewers'	VERMEN, 10 V. FEST, JAMES	*SERMINEN**	K V, SERVICENT	L-COM LONDON E		33-880-1978
5			columns with all the data from viewers' table all the 4 columns with	VERMEN, 10 V. FEST, JAMES	*SERMINEN**	R V, J SERVINGO CARLO CA	L-COM LONDON E		33-880-1978
5			columns with all the data from viewers' table all the 4 columns with all the data	VERMEN, 10 V. FEST, JAMES	*SERMINEN**	A V.J. JOSEPHONE RESPONSE OF THE PROPERTY OF	L-COM LONDON E		33-880-1978
5_			columns with all the data from viewers' table all the 4 columns with all the data from	VERMEN, 10 V. FEST, JAMES	*SERMINEN**	Ч	L-COM LONDON E		33-880-1978
56			columns with all the data from viewers' table all the 4 columns with all the data	VERMEN, 10 V. FEST, JAMES	*** **********************************	R V.J. 380AGORO 980AGORO 980AG	L-COM LONDON E		33-880-1978

		1	1				
				VIEWER_ID	EPISODE	_ID SERIES_I	D DATE_WATCHED
				400000001	2000000	100001	15-JAN-2020
				400000002	2000000	100001	12-MAY-2009
				400000002	2000000	33 100002	05-MAR-2022
				400000003	2000000	05 100003	25-DEC-2015
				400000003	2000000	100003	17-AUG-2019
				400000004	2000000	100004	03-JAN-2020
				400000004	2000000	100005	09-JUN-2018
				400000004	2000000	100006	10-JUL-2017
				400000005	2000000	12 100007	01-0CT-2023
				400000006	2000000	13 100007	09-SEP-2020
				400000006	2000000	14 100008	05-FEB-2019
				400000007	2000000	15 100009	06-JAN-2016
				400000008	2000000	17 100010	02-FEB-2020
				400000009	2000000	18 100011	19-APR-2018
				400000010	2000000	19 100011	18-N0V-2014
				400000011	2000000	19 100011	17-MAR-2019
				400000011	2000000	100001	25-DEC-2022
				400000012	2000000	10 100005	13-AUG-2017
				400000013	2000000	100002	08-JAN-2022
				400000014	2000000	100004	20-DEC-2023
				400000015	2000000	19 100011	20-DEC-2023
				as expe	ected		
				LENGTH		E_TITLE	SERIES_ID
					MISGIVING		100003
				3450	SAUL GONE		100002
				3424		THE LIGHT	100011
				3424		RE NEEDED	100011
				3250	DESCENS0		100006
				3235	WELCOME E	ACK	100008
				3215	NAILED		100002
				3152	WENDIGO		100007
				3152	BAD DREAM	S	100003
				3150	SUNSET		100001
			A projection	3133	WINTER IS	COMING	100009
			with 3 columns	3124	THE CLIME		100009
			of the episode	3120	OZYMANDIA	S	100001
			table(length,	3050	MONSTER N	OVIE	100007
			episode's title	1500		ITH THE MUGG	
			and series id)	1453		T THE BEACH	100004
			sorted in				
	SELECT Length, E_Title, Series_id		reverse	1400	HELLO WOR		100005
	FROM episode		alphabetical	1380		ITH THE BALL	100004
•	ORDER BY Length DESC;	query b	order	1244	JOEY IS E	ACK	100010
				as expe	ected		
				A_FIRST_	NAME	A_SURNAME	A_COUNTRY
				BRYAN	CI	ANSTON	USA
				AARON		UL	USA
				ANNA		INN	USA
				BOB	01	ENKIRK	USA
			1	RHEA	SI	EHORN	USA
			A table with 3	COURTENE	Y C	IX	USA
			A table with 3 columns first	COURTENE		IX RRY	USA
	SELECT A_First_Name, A_Surname,			MATTHEW	PI	RRY	USA
	SELECT A_First_Name, A_Surname, A_Country		columns first	MATTHEW	PI LI	ERRY	USA
			columns first name, surname	MATTHEW	PI LI	RRY	USA

		I			
			A table with all		
			the elements		
			from the		
			viewers table		
			that their		
	SELECT *		Surname starts		
	FROM viewer		with B and ends	as expected	
				VERMER_1D V_FERST_NAME V_SURAME V_GENDER V_EMAIL 480000001 20N 8FOAM N 28FOAMQONAIL.COM	V_CETY V_COUNTRY V_ADDRESS V_BATE_OF_DERTN LORDON DNULMO SAUNT GEORGE S 20-MOV-1905
9	WHERE V_Surname LIKE 'B%N';	query c2	with N	400000002 MICHAEL BOHEN M MECHENQUAIL.COM	PHARCHESTER BNGLAND ANEW ROAD 18 13-DEC-1992
			A table with all		
			the elements	as expected	
			from the	VIDER, ID V, FIRST, NAME V, SORMANE V, GENER V, EMAIL	V_CITY V_COUNTRY V_ADDRESS V_BATE_OF_REXTH
			viewers table	400000003 30W BROWN M 3800W809W3L.COM 40000002 M3CHAEL BOHSW M MEDWSWGWSLL.COM	LONDOW ENGLAND SAUNT ERONCE 5 20-4910-1595 ARACHESTER ENGLAND AVEY RAND 18 13-0EC-1592
	SELECT *		that they are	400000005 NICK JAPRUS M NJAPRUS(HCTPAEL-COM 400000005 JOHN EUNCAN M JOHNOWAGNAIL-COM	LORDON MIGLAND SAIDY GEORGE 213 20-AuG-1959 MICH VIDER USA KROWLEY 213 20-Aug-1999
10	FROM viewer		NOT from	40000000 JOHLTHON BHINDERD M JEHRCHEROGERLEL-COM 40000010 MICHEL TOWNEY F MTDONEY(HISTRIEL-COM	NOME TEALY VEA FLAVEA 23 13-58P-1081 NEW YORK USA XDMMEDY 254 02-MIN-158S
	WHERE V_Country NOT IN 'GREECE'	query c3	Greece	40000011 MAYLE BAY F MBERGMOTHALL.COM 40000014 MSLARY BUFF F MDUFFGGMASL.COM	001709 USA KEMBER 235 15-389-1999 LONDOW ENGLAND SAUNT GEORGE 58 11-0EC-1978
	WHERE V_COUNTY NOT IN GREECE	query co	A table with 3	40000015 MONGCA KUBRICK F MODBRICKQOMAIL.COM	MIAMI USA RODSVELT 59 15-MIN-1592
			columns, first		
			name,		
			surname,		
			viewer id from		
			the viewers	as expected	
			table and date	V_FIRST_NAME V_SURNAME	VIEWER_ID DATE_WATCHED
			watched from	JOHN BROWN	40000001 15-JAN-2020
			the	KEAN BRYANT	400000003 17-AUG-2019
			viewership's	GEORGE PAPADOPOULOS	400000004 03-JAN-2020
	SELECT viewer.V_First_Name,		table where a	JOHN DUNCAN	400000006 09-SEP-2020
	viewer.V_Surname, viewer.Viewer_id,		viewer watched	JOHN DUNCAN	400000006 05-FEB-2019
	viewership.Date_watched		an episode	JONATHAN BANCHERO	400000008 02-FEB-2020
	FROM viewer		from 01 of	HAYLE BAY	400000011 17-MAR-2019
	INNER JOIN viewership on		January of 2019		
	viewer.Viewer_id=viewership.Viewer_id		until 31 of		
	WHERE Date_watched BETWEEN '01-		December of		
44					
11	JAN-2019' AND '31-DEC-2021';	query c4	2021		
				as expected	
				SERIES_ID S_TITLE DESCRIPTION EPISODES SEASONS 100001 BREAKING BAD DRAWA 62 5 03-	VEAR EFISIDEQ_ID SERIES_ID SERSON E_TITLE LENGTH FED-2000 200000001 100001 5 0.27990025AS 3120
				100001 BREAKING BAD DRAMA 62 5 03- 100002 BETTER CALL SAUL DRAMA 65 6 05-	PER-2000 200000002 100001 3 506CF 3150 304-2015 200000003 100002 6 5AUL GOME 3450
				100002 BETTER CALL SAUL GRAVA 65 6 05- 100003 THE NOME GRAVA 60 5 02- 100003 THE NOME GRAVA 60 5 02-	340-2015 200000004 100002 2 MAILUS 3225 336-2002 200000005 100003 2 MAI DEBANS 3152
				100004 FRIDDS COMESY 236 10 10- 100004 FRIDDS COMESY 236 10 10-	FFE-1994 200000007 1000004 9 THE DW WITH THE MODIEM 1500 FFE-1994 200000000 1000004 3 THE DW AT THE MEACH 1453
				100004 FRZINGS COMESY 236 10 10- 100005 SEZWELD COMESY 188 9 10-	FEB-1994 200000009 100004 5 THE DRY WITH THE BALL 1308 MAY-1959 200000018 100005 3 MELLO MORLO 1408
	SELECT *		Join of 2 tables	180906 NAACOS DRAMA 38 2 25- 180907 SUPERNATURAL DRAMA 327 15 25-	MAY-2815 2000M0811 100006 1 055CH50 3258 MAR-2805 2000M0812 100007 1 WEMCOSO 3152
	FROM series		(6+5=11	100007 SUPERBATURAL DRAMA 327 15 25- 100008 THE CROM DRAMA 70 6 12-	7909-2895 200000013 1000007 4 ADMSTER MOVIE 3058 DEC-2016 200000014 1000000 3 WELCOME BACK 3295
	INNER JOIN episode ON		columns) series	189809 GAME OF THRONES DRAMA 73 8 05- 189809 GAME OF THRONES DRAMA 73 8 05-	PER-2011 200000015 200000 1 WINTER IS COMING 3133 PER-2011 200000016 200000 3 THE CLIMB 3124
12	series.Series_id=episode.Series_id;	query d1	and episode	200210 20EY COMEDY 80 5 15- 300011 THE LAST OF US DOLMA 8 1 20- 300011 THE LAST OF US DOLMA 8 1 20-	787-7879 cm9808017 200038 1 307/15 BACK 1224 FEB-2423 200000018 1 00011 1 (OOK FOR THE LIGHT 3424
		900,701	3.1.0 Opisode	as expected	291
1				as expected	10 Tale ACTIVA ACTIVATE ACTIONS ALTERNA ACTION ACTI
					0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
				100000 1000 200000 2017 FOUND 1000 8770 (b), b), box 0. 1	
	SELECT *				#0.00.00 SECTION 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 0000 02 00
	FROM casting			200000 2000 200002 405.95% 5000 525% 2007 24 1 100000 525% 2007 24 1 100000 525% 2007 25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 m 20 m 20 m 20 m 20 m 20 m 2 m 2 m 20 m 2 m 2
	INNER JOIN series ON			1000000 10000 2000000 6,000 0000 100001 10001 10000 100000 1000000 1000000 1000000 100000 100000 100000 1000000 1000000 1000000 1000000 1000000 100000 100000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 100000000	0x40 CM 0MEMBER 3L3 U.O. 00704 F 00774/001.09 00754 03 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.000.05 0.00
	casting.Series_id=series.Series_id		Join of 3 tables		
	INNER JOIN actors ON		series, actors	1000002 10000 2000002 101,033 10000 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03 101,03	6-10 (10 (10 (10 (1) 1) 10 (1) 10 (1) 10 (1) 10 (10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1
13	casting.Actor_id=actors.Actor_id;	query d2	and casting		
		-, -, -, -, -, -, -, -, -, -, -, -, -, -		as expected	S-MA-DIM BROWNER SHEET MORALIN IN SHALKSON/SHINLOW SHARES WITE STOTE SHARE SHEET SHARES WITE STOTE SHARE SHEET SHARES SHARES SHEET SHAR
	SELECT *			as expected	Value Valu
	FROM casting				
	INNER JOIN series ON				
	casting.Series_id=series.Series_id				
	INNER JOIN actors ON		Join of 4 tables		
	casting.Actor_id=actors.Actor_id		series,	Marco Marc	
	INNER JOIN episode ON		actors,episode		
14	casting.Episode_id=episode.Episode_id;	query d3	and casting		
		•	_		

15	SELECT a_first_name,a_surname FROM	guerra 1	Shows the first name and the surname of the actors that their surname starts with C and ends with E. (table: 1 line x 2 columns)	а	s expected A_FIRST_N EMILIA	NAME	A_SUR CLARK		
15	actors where a_surname LIKE 'C%E';	query e1	2 columns)	a	s expected			_	
			It counts the total number		V_COUNTRY		IT(V_COU	NTRY)	
			of viewers per		ITALY	1			
			country and groups the		ENGLAND	4			
			result.		USA	5			
16	SELECT v_country, COUNT(v_country) FROM viewer GROUP BY v_country;	query e2	(table: 4 lines x 2 columns)		GREECE	5			
17	SELECT episode.Episode_id, episode.E_Title, COUNT(viewership.Viewer_id) AS ViewCount FROM episode JOIN viewership ON episode.Episode_id = viewership.Episode_id GROUP BY episode.Episode_id, episode.E_Title ORDER BY ViewCount DESC FETCH FIRST 1 ROW ONLY;	query e3	It counts the total number of viewers for each episode, then puts the episodes in descending order and keeps the 1st line , which is the most popular episode. (table: 1 line x 3 columns)		S expected EPISODE_ID 200000019 WH	E_TII		VIEWCOUNT 3	
18	SELECT series.Series_id, series.S_Title, COUNT(viewership.Viewer_id) AS ViewCount FROM series JOIN viewership ON series.Series_id = viewership.Series_id GROUP BY series.Series_id, series.S_Title ORDER BY ViewCount DESC FETCH FIRST 1 ROW ONLY;	query e4	It counts the total number of viewers for each series, then puts the series in descending order and keeps the 1st line , which is the most popular series. (table: 1 line x 3 columns)		s expected SERIES_ID 100011		TILE ST OF US	VIEWCOU	JNT

				as exp	ected			
				ما د د	colcu			
				ACTOR_ID	A_SURNAME	A_FIRST_NAME	S_TITLE	
				100000017	ACKLES	JENSEN	SUPERNATURAL	
				100000012	CLARKE	EMILIA	GAME OF THRONES	
				100000006	COX	COURTENEY	FRIENDS	
				100000006	COX	COURTENEY	SEINFELD	
				100000001	CRANSTON	BRYAN	BREAKING BAD	
				100000001	CRANSTON	BRYAN	BETTER CALL SAUL	
				100000010	ELBA	IDRIS	THE WIRE	
	CELECT			100000013	ESP0SIT0	GIANCARLO	BREAKING BAD	
	SELECT			100000003	GUNN	ANNA	BREAKING BAD	
	actors.Actor_id,			100000008	LEBLANC	MATT	J0EY	
	actors.A_Surname,			100000008	LEBLANC	MATT	FRIENDS	
	actors.A_First_Name,			100000009	LUIS-DREYFUS	JULIA	SEINFELD	
	series.S_Title			100000016	MANDO ODENKIRK	MICHAEL BOB	BETTER CALL SAUL BREAKING BAD	
	FROM			100000004	ODENKIRK	BOB	BETTER CALL SAUL	
				100000004	ODENKIRK	BOB	BETTER CALL SAUL	
	actors			100000018	PADALECKI	JARED	SUPERNATURAL	
	JOIN		It shows all	100000018	PADALECKI	JARED	SUPERNATURAL	
	casting ON actors.Actor_id =		the actors id,	100000011	PASCAL	PEDRO	GAME OF THRONES	
	casting.Actor id		-	100000011	PASCAL	PEDRO	THE LAST OF US	
	JOIN		surname and	100000011	PASCAL	PEDRO	THE LAST OF US	
			first name and	100000011	PASCAL	PEDRO	NARCOS	
	series ON casting.Series_id =		all the series	100000011	PASCAL	PEDRO	GAME OF THRONES	
	series.Series_id		that they	100000002	PAUL	AARON	BETTER CALL SAUL BREAKING BAD	
	ORDER BY		•	100000002	PERRY	MATTHEW	FRIENDS	
	actors.A_Surname ASC,		participated in	100000015	PRYCE	JONATHAN	THE CROWN	
	actors.A_First_Name ASC,		ascending	100000005	SEEHORN	RHEA	BETTER CALL SAUL	
9	actors.Actor_id ASC;	query e5	order.	100000014	WEST	DOMINIC	THE WIRE	
	actors.Actor_id A3c,	query es					•	'
			It counts the					
	SELECT		number of					
			series that					
	actors.Actor_id,		every actor					
	actors.A_Surname,		-					
	actors.A_First_Name,		participated					
	COUNT(DISTINCT casting.Series_id) AS		and then puts					
	SeriesCount		them in a					
	FROM							
			descending					
	actors		order and					
	JOIN		keeps the first					
	casting ON actors.Actor_id =		one , which Is					
	casting.Actor id		· ·					
	GROUP BY		the actor that	ac ovr	ected			
	actors.Actor_id, actors.A_Surname,		participated in	as exp	Jecteu			
			the most					
	actors.A_First_Name		series.	ACTOR_	_ID A_S	URNAME	A_FIRST_NAME	SERIESCOUNT
	ORDER BY			100000	011 PAS	CAL	PEDR0	3
	SeriesCount DESC		(table: 1 line x	100000	OII TAS	CAL	I LDINO	3
0	FETCH FIRST 1 ROW ONLY;	query e6	4 columns)					
_	FEICH FIRST I ROW ONLY,							
	SELECT							
	SELECT		It counts the					
	SELECT actors.Actor_id,		It counts the number of					
	SELECT actors.Actor_id, actors.A_Surname,		number of					
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name,		number of episodes that					
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id)		number of episodes that every actor					
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name,		number of episodes that					
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id)		number of episodes that every actor participated					
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id) AS EpisodeCount FROM		number of episodes that every actor participated and then puts					
<u> </u>	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id) AS EpisodeCount FROM actors		number of episodes that every actor participated and then puts them in a					
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id) AS EpisodeCount FROM actors JOIN		number of episodes that every actor participated and then puts them in a descending					
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id) AS EpisodeCount FROM actors JOIN casting ON actors.Actor_id =		number of episodes that every actor participated and then puts them in a					
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id) AS EpisodeCount FROM actors JOIN casting ON actors.Actor_id = casting.Actor_id		number of episodes that every actor participated and then puts them in a descending order and					
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id) AS EpisodeCount FROM actors JOIN casting ON actors.Actor_id =		number of episodes that every actor participated and then puts them in a descending order and keeps the first	as evr	perted			
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id) AS EpisodeCount FROM actors JOIN casting ON actors.Actor_id = casting.Actor_id GROUP BY		number of episodes that every actor participated and then puts them in a descending order and keeps the first one, which is		pected			
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id) AS EpisodeCount FROM actors JOIN casting ON actors.Actor_id = casting.Actor_id GROUP BY actors.Actor_id, actors.A_Surname,		number of episodes that every actor participated and then puts them in a descending order and keeps the first	as exp		JRNAME A	_FIRST_NAME	EPISODECOUNT
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id) AS EpisodeCount FROM actors JOIN casting ON actors.Actor_id = casting.Actor_id GROUP BY actors.Actor_id, actors.A_Surname, actors.A_First_Name		number of episodes that every actor participated and then puts them in a descending order and keeps the first one, which is the actor that		ID A_SU		_FIRST_NAME	EPISODECOUNT 5
	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id) AS EpisodeCount FROM actors JOIN casting ON actors.Actor_id = casting.Actor_id GROUP BY actors.Actor_id, actors.A_Surname, actors.A_First_Name ORDER BY		number of episodes that every actor participated and then puts them in a descending order and keeps the first one, which is the actor that participated in	ACTOR_	ID A_SU			
1	SELECT actors.Actor_id, actors.A_Surname, actors.A_First_Name, COUNT(DISTINCT casting.Episode_id) AS EpisodeCount FROM actors JOIN casting ON actors.Actor_id = casting.Actor_id GROUP BY actors.Actor_id, actors.A_Surname, actors.A_First_Name	query e7	number of episodes that every actor participated and then puts them in a descending order and keeps the first one, which is the actor that	ACTOR_	ID A_SU			

			/table: 1 line v				
			(table: 1 line x				
			4 columns)				
			It puts the				
			series in				
			descending				
			order				
			regarding				
			their number				
			of season and				
			shows the 1st				
			title of the				
			series which is	as exp	ected		
			the one with				
			the most		TTTLE		
			seasons.	3	_TITLE		
	SELECT S_Title FROM series ORDER BY		(table: 1 line x	CHD	ERNATURAL		
22	Seasons DESC FETCH FIRST 1 ROW ONLY;	query e8	1 column)	301	LINATURAL		
	JESSONS DESCRIPTION TROW ONLY,	9461960	It puts the				
			series in				
			descending				
			order				
			regarding				
			their number				
			of episodes				
			and shows the				
			1st title of the				
			series which is	as exp	ected		
			the one with				
			the most		S_TITLE		
			episodes in				
	SELECT S_Title FROM series ORDER BY		total.				
	Episodes DESC FETCH FIRST 1 ROW		(table: 1 line x	SU	PERNATUR	AL	
23	ONLY;	query e9	1 column)				
			It counts the				
			number of				
			series				
			produced				
	SELECT		between 2000	as exp	ected		
	COUNT(*) AS SeriesCount		and 2009 and				
	FROM		saves this				
	series		number as	SEI	RIESCOUNT		
	WHERE		SeriesCount.				
	EXTRACT(Year FROM Year) BETWEEN		(table: 1 line x	4			
24	2000 AND 2009;	query e10	1 column)				
<u> </u>		4, 520		_			
			It shows the				
			actors ID,				
			firstname,				
	SELECT		surname and				
	Actor_id,		date of birth				
	A_First_Name,		of the actors				
	A_Surname,		that were	as exp	ected		
	A_Date_of_birth		born in July ,				
	FROM		regardless the	ACTOR_	ID A_FIRST_NAME	A_SURNAME	A_DATE_OF_BIRTH
	actors		_	1000000	08 MATT	LEBLANC	25-JUL-1967
	WHERE		year .	1000000		MANDO	13-JUL-1981
	EXTRACT(MONTH FROM						
25	A_Date_of_birth) = 7;	query e11		1000000	17 JENSEN	ACKLES	15-JUL-1982

26	SELECT COUNT(*) AS ActorCount FROM actors LEFT JOIN casting ON actors.Actor_id = casting.Actor_id WHERE casting.Actor_id IS NULL;	query e12	It shows the number of actors that haven't participated in a series in the database, hence casting.Actor_i d IS NULL. (table: 1 line x 1 column)	as expecte ACTORCC			
	SELECT V_First_Name, V_Surname, V_Date_of_birth FROM viewer WHERE V_Gender = 'F' ORDER BY V_Date_of_birth ASC		It puts in descending order all the female viewers regarding their date of birth and then shows the 1st one which is the oldest female viewer. (table: 1 line x 3 columns)	as expecte V_FIRST_N HAYLE			/_DATE_OF_BIRTH L5-JAN-1969
27	FETCH FIRST 1 ROW ONLY;	query e13					
28	SELECT Viewer_id, V_First_Name, V_Surname, V_Address FROM viewer WHERE UPPER(V_Address) LIKE '%SAINT%';	query e14	It shows the viewer ID, the firstname, the surname and the address of the viewers that leave in address with the word saint in it.	400000001	ed v_first_name JOHN NICK HILARY	V_SURNAME BROWN JARMUS DUFF	E V_ADDRESS SAINT GEORGE 5 SAINT GEORGE 213 SAINT GEORGE 50
				as expecte	ed		
29	SELECT series.S_Title, AVG(episode.Length) AS AvgEpisodeLength FROM series JOIN episode ON series.Series_id = episode.Series_id GROUP BY series.Series_id, series.S_Title ORDER BY AvgEpisodeLength DESC;	query e15	It calculates the average of the episode's length for each series and the puts them in descending order.	S_TITLE THE LAST OF U THE WIRE BETTER CALL S NARCOS THE CROWN BREAKING BAD GAME OF THRON SUPERNATURAL FRIENDS SEINFELD JOEY	3401 3332.5 3250 3235 3135 NES 3128.5 3101		ISODELENGTH
20	SELECT	auon c16	It counts the	ac ovnost	nd		
30	viewer.Viewer_id,	query e16	number of	as expecte	ea		

		T .						-
	viewer.V_First_Name,		episodes that	VIEWER_ID	V_FIRST_NAM	E V_SURNAM	E ECOU	JNT
	viewer.V_Surname, COUNT(DISTINCT		each viewer	400000004	GEORGE	PAPADOPOUL	.0S 3	
	viewership.Episode_id) AS ECount		has watched,	40000004	GEORGE	TALADOI OOL	.03	
	FROM		then puts the					
	viewer		viewers in					
	JOIN		descending					
	viewership ON viewer.Viewer_id =		order and					
	viewership.Viewer_id		keeps the 1st					
	GROUP BY		one which is					
	viewer.Viewer_id,		the viewer has					
	viewer.V_First_Name,		watched the					
	viewer.V_Surname		most					
	ORDER BY		episodes.					
	ECount DESC		(table: 1 line x					
	FETCH FIRST 1 ROW ONLY;		4 columns)					
			4 Columns)					
			It counts the					
	SELECT		number of					
	viewer.Viewer_id,		episodes that					
	viewer.V_First_Name,		each viewer					
	viewer.V_Surname,							
	COUNT(DISTINCT		placed in					
	viewership.Episode_id) AS ECount		Thessaloniki					
	FROM		has watched,					
	viewer		then puts the					
	JOIN		viewers in					
	viewership ON viewer.Viewer_id =		descending					
	viewership.Viewer_id		order and					
	WHERE		keeps the 1st					
	UPPER(viewer.V_City) =		one which is					
	'THESSALONIKI'		the viewer has					
	GROUP BY		watched the					
	viewer.Viewer_id,		most episodes					
	viewer.V_First_Name,		in	as expecte	ed			
	viewer.V_Surname		Thessaloniki.	VIEWER_ID	V_FIRST_NAME	V_SURNAME	ECOUNT	
	ORDER BY		(table: 1 line x	400000004	GEORGE	PAPADOPOULOS	3	
21	ECount DESC		4 columns)					
31	FETCH FIRST 1 ROW ONLY;	query e17	4 (0)(1)(1)(5)					
	WITH RankedSeries AS (SELECT							
	viewer.V Gender,							
	<u> </u>							
	series.Series_id, series.S_Title,							
	RANK() OVER (PARTITION BY							
	viewer.V Gender ORDER BY							
	COUNT(viewership.Episode_id) DESC) AS		First we					
	SeriesRank		calculate the					
	FROM		number of					
	viewership		episodes					
	JOIN		watched					
	series ON viewership.Series_id =		based on the					
	series.Series_id		each gender					
	JOIN		separately					
	viewer ON viewership.Viewer_id =		and then we	as expecte	ed			
	viewer.Viewer_id			SERIES_ID	S_TITLE	V_GENDER		
	GROUP BY		display each	_				
	viewer.V_Gender, series.Series_id,		series' title	100011	THE LAST OF U	S F		
	series.S_Title		and the	100001	BREAKING BAD	М		
)		gender that	100003	THE WIRE	М		
	SELECT		watched it the		SUPERNATURAL	М		
	Series_id,			100007				

	S_Title,							
	V_Gender							
	FROM							
	RankedSeries							
	WHERE							
	SeriesRank = 1;							
	Seriesham 1,		We created a					
			new column called	as expected				
				VIEWER_ID	V_FIRST_NAME	V_SURNAME	USERNAME	
			username	40000001	JOHN	BROWN	JOHNBROW	
			where it's a string is formed by 8	400000002	MICHAEL	BOWEN	MICHBOWE	
				400000003	KEAN	BRYANT	KEANBRYA	
				400000004	GEORGE	PAPADOPOULOS	GEORPAPA	
			letters, the	400000005	NICK	JARMUS	NICKJARM	
			first 4 are the the first 4 letters of the first name and the other 4 are the the first 4 letters of the surname. (table with 4					
				400000006	JOHN	DUNCAN	JOHNDUNC	
				400000007	GIANNIS	KAKOGLOU	GIANKAKO	
	SELECT			400000008	JONATHAN	BANCHER0	JONABANC	
	Viewer_id, V_First_Name, V_Surname, SUBSTR(UPPER(V_First_Name), 1, 4) SUBSTR(UPPER(V_Surname), 1, 4) AS Username FROM			400000009	CHRISTOS	TJORTJIS	CHRITJOR	
				40000010	MICHEL	TOONEY	MICHTOON	
				400000011	HAYLE	BAY	HAYLBAY	
				400000012	DIMITRA	PAPADOULOU	DIMIPAPA	
				400000013	GEORGIA	DIMITRIADOU	GEORDIMI	
				400000014	HILARY	DUFF	HILADUFF	
				400000015	MONICA	KUBRICK	MONIKUBR	
33	viewer;	query e19	columns)					
	SELECT EXTRACT(YEAR FROM series.Year) AS ProductionYear, SUM(episode.Length) AS TotalSeriesLength			as expected				
			It calculates the sum of all the episodes produced each year and it shows the total length of all the series per year. (table with 2 columns)	PRODUCTION	YEAR TOTALSER	RIESLENGTH		
				1989	1400			
				1994 4333				
				2002	6802			
	FROM			2004	1244			
	series			2005	6202			
	JOIN			2008	6270			
	episode ON series.Series_id =			2011	6257			
	episode.Series_id			2015	9915			
	GROUP BY EXTRACT(YEAR FROM series.Year)			2016	3235			
				2023	6848			
	ORDER BY	0.5			30.0			
34	ProductionYear;	query e20						

DROP TABLES

		Element	Expected	
ID	Test	tested	Result	Actual Result and Screenshot
	ALTER TABLE actors			
	DROP CONSTRAINT ck_actors;			as expected
	ALTER TABLE series DROP CONSTRAINT ck_series;			1. ALTER TABLE actors 2 DROP CONSTRAINT (c_actors; 3 4. ALTER TABLE series; 5 6 7. ALTER TABLE episode 8 DROP CONSTRAINT (c_episode; 9 10. ALTER TABLE viewer 1. DROP CONSTRAINT (c_episode; 9 11. DROP CONSTRAINT (c_episode; 12. ALTER TABLE viewer 1. DROP CONSTRAINT (c_episode; 1.
	ALTER TABLE episode			
	DROP CONSTRAINT ck_episode;			Table altered.
				Table altered.
	ALTER TABLE viewer	DROP	DROP CHECK	Table altered.
1	DROP CONSTRAINT ck_viewers;	CONSTRAINTS	CONSTRAINTS	

				as expected
	ALTER TABLE casting DROP CONSTRAINT fk_actor_id; ALTER TABLE casting DROP CONSTRAINT fk_series_id; ALTER TABLE casting DROP CONSTRAINT fk_episode_id; ALTER TABLE episode DROP CONSTRAINT fk_episode_series_id; ALTER TABLE viewership DROP CONSTRAINT fk_viewer_id; ALTER TABLE viewership DROP CONSTRAINT fk_viewership_series_id; ALTER TABLE viewership DROP CONSTRAINT fk_viewership_series_id;	DROD	DDOD EV	as expected 1
2	DROP CONSTRAINT fk_viewership_episode_id;	DROP CONSTRAINTS	DROP FK CONSTRAINTS	Table altered.
	ALTER TABLE viewer DROP CONSTRAINT uk_viewer; ALTER TABLE actors	DROP	DROP UK	as expected 1 ALTER TABLE viewer 2 DROP CONSTRAINT uk_viewer; 3 4 ALTER TABLE actors 5 DROP CONSTRAINT uk_actors; Table altered.
3	DROP CONSTRAINT uk_actors;	CONSTRAINTS	CONSTRAINTS	as avaceted
	ALTER TABLE viewer DROP CONSTRAINT pk_viewer_id; ALTER TABLE episode DROP CONSTRAINT pk_episode_id; ALTER TABLE series DROP CONSTRAINT pk_series_id;			as expected 1 ALTER TABLE viewer 2 DROP CONSTRAINT pk_viewer_id; 3 4 ALTER TABLE episode 5 DROP CONSTRAINT pk_episode_id; 6 7 ALTER TABLE series 8 DROP CONSTRAINT pk_series_id; 9 10 ALTER TABLE actors 11 DROP CONSTRAINT pk_actor_id; Table altered.
4	ALTER TABLE actors DROP CONSTRAINT pk_actor_id;	DROP CONSTRAINTS	DROP PK CONSTRAINTS	Table altered.
-T	ALTER TABLE episode DROP CONSTRAINT ck_length;	CONSTRAINTS	CONSTRAINTS	
	ALTER TABLE viewer DROP CONSTRAINT ck_V_address; ALTER TABLE episode DROP CONSTRAINT ck_E_title;			
	ALTER TABLE series DROP CONSTRAINT ck_description;			
5	ALTER TABLE series DROP CONSTRAINT ck_S_title;	DROP CONSTRAINTS	DROP CHECK CONSTRAINTS	as expected

		I			
	ALTER TABLE viewer			1 ALTER TABLE episode	Table altered.
	DROP CONSTRAINT ck_V_country;			2 DROP CONSTRAINT ck_length; 3 4 ALTER TABLE viewer	Table altered.
				5 DROP CONSTRAINT ck_V_address; 6 7 ALTER TABLE episode	Table altered.
	ALTER TABLE viewer			8 DROP CONSTRAINT ck_E_title; 9 10 ALTER TABLE series	Table altered.
	DROP CONSTRAINT ck_V_city;			11 DROP CONSTRAINT ck_description; 12 13 ALTER TABLE series	Table altered.
				14 DROP CONSTRAINT ck_S_title; 15	Table altered.
	ALTER TABLE actors			16 ALTER TABLE viewer 17 DROP CONSTRAINT ck_V_country; 18	Table altered.
	DROP CONSTRAINT ck_A_country;			19 ALTER TABLE viewer 20 DROP CONSTRAINT ck_V_city; 21	
				22 ALTER TABLE actors 23 DROP CONSTRAINT ck_A_country; 24	Table altered.
	ALTER TABLE actors			25 ALTER TABLE actors 26 DROP CONSTRAINT ck_A_city; 27	Table altered.
	DROP CONSTRAINT ck_A_city;			27 28 ALTER TABLE viewer 29 DROP CONSTRAINT ck_V_surname;	Table altered.
				31 ALTER TABLE viewer 32 DROP CONSTRAINT ck_V_first_name;	Table altered.
	ALTER TABLE viewer			33 34 ALTER TABLE actors 35 DROP CONSTRAINT ck_A_surname;	Table altered.
	DROP CONSTRAINT ck_V_surname;			36 37 ALTER TABLE actors 38 DROP CONSTRAINT ck_A_first_name;	Table altered.
				39 40 ALTER TABLE viewer 41 DROP CONSTRAINT ck_viewer_V_gender;	Table altered.
	ALTER TABLE viewer			42 43 ALTER TABLE actors 44 DROP CONSTRAINT ck_actors_A_gender;	Table altered.
	DROP CONSTRAINT ck_V_first_name;			THE DROP CONSTRUCTION OF THE PARTY OF THE PA	
	ALTER TABLE actors				
	DROP CONSTRAINT ck_A_surname;				
	ALTER TABLE actors				
	DROP CONSTRAINT ck_A_first_name;				
	ALTER TABLE viewer				
	DROP CONSTRAINT				
	ck_viewer_V_gender;				
	ALTER TABLE actors				
	DROP CONSTRAINT				
	ck_actors_A_gender;			_	
				as expected	
				2 DROP SEQUENCE seq_act	ors;
				3 4 DROP SEQUENCE seq_ser	ries.
				5	
				6 DROP SEQUENCE seq_epi 7	.sodes;
				8 DROP SEQUENCE seq_vie	ewers;
	DDOD STOLIFNET som getors:				
	DROP SEQUENCE seq_actors;				
	DROD SECULENCE con corios:			Sequence dropped.	
	DROP SEQUENCE seq_series;			Sequence dropped.	
	DROB SECULENCE soa anisodos:			Sequence dropped.	
	DROP SEQUENCE seq_episodes;	DROB	DROB		
6	DROP SEQUENCE seq_viewers;	DROP SEQUENCES	DROP SEQUENCES	Sequence dropped.	
0		SEQUENCES	SEQUENCES		
	DROP TABLE actors;				
	DDOD TABLE corios:				
	DROP TABLE series;				
	DDOD TABLE costing:				
	DROP TABLE casting;				
	DDOD TABLE codes de				
	DROP TABLE episode;				
	DDOD TABLE :				
	DROP TABLE viewer;				
_	DDOD TABLE :	DD05 717:	DD05 745:55	as expected	
7	DROP TABLE viewership;	DROP TABLES	DROP TABLES		

		1	DROP TABLE actors;	
		2		
		3	DROP TABLE series;	
		4		
		5	DROP TABLE casting;	
		6		
		7	DROP TABLE episode;	
		8		
		9	DROP TABLE viewer;	
		10	DDOD TABLE	
		11	DROP TABLE viewership;	
		Table danged		
		Table dropped.		
		Table drapped		
		Table dropped.		
		Table drapped		
		Table dropped.		
		rable dropped.		