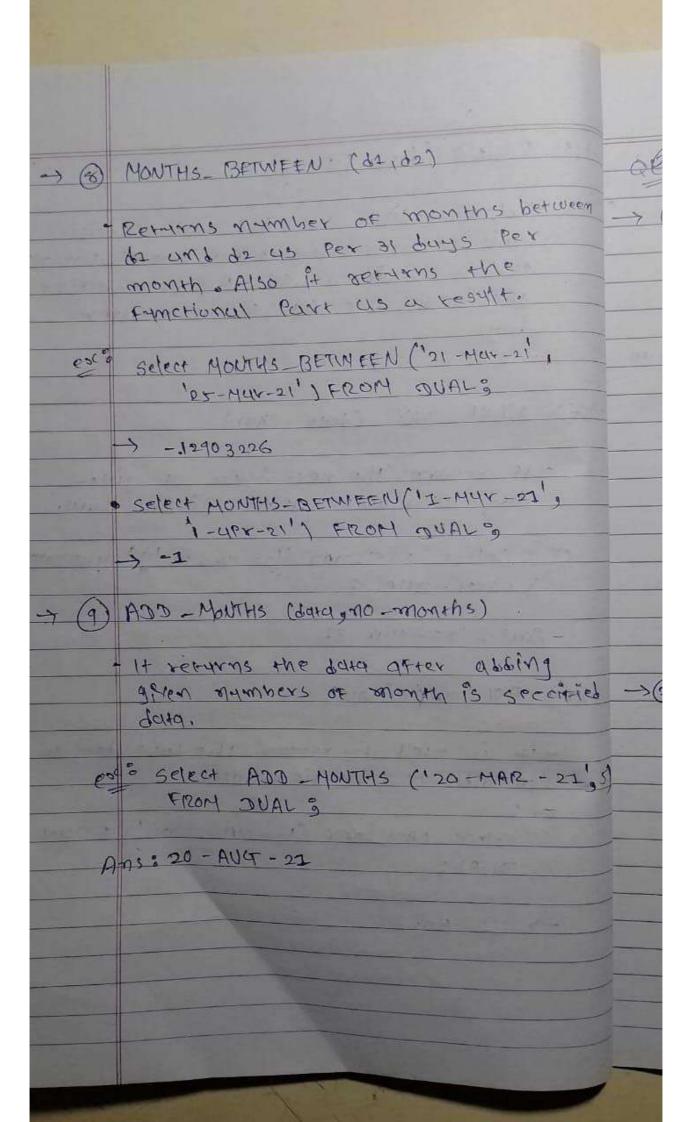
Assignment 3

Q8D Explain DATA Functions.							
The second of th							
->0 SYSDATE :							
- It is wised to return the system data							
- and time.							
- only addition and subtraction are							
S-18poxted.							
The state of the s							
ex " select sysdate From duly;							
Select sysdate +1 From dyals							
in the state of th							
Ans: 22 - MAR -21							
The secretary of the second of							
-> 6) SYSTIMESTAMP							
and the state of t							
- It is used to retain the system duty							
and time.							
select systimestymp From dyal;							
Ams: 22-14AR-21							
I I I I I I I I I I I I I I I I I I I							
-> (3) TO_CHAR (duta, [, Fm+])							
-> Format mist be following							
122 - 407							
'yy' - month							
141, 05, 1111, - dear							
'HM' - month 'YY' or'YYY' - year 'HH' - hours (0+011) 'M' - week of moth							
I'M, - MEEK OF WIGHT							

ed 60 · Select TO_CHAR (SYSTIMESTAMP, 'DO') From DYAL SETECT TO-CHAR (SY STATSTAMP, 144) From SMAL · Select TO-CHAR (SYSTMESTAMP, 1 YY') from DHAL · select To CHAPL (SySTMY STAMP, "YVYY) From DUAL -> 2021 -> (TRUN (date (EM+)) - The TRUNC (data) function returns duty with the time portaion of the buy trymouted to the ymit specified by the formut model Fmt. - The values xeturned is always of datatore JATE. es: select TRUN (TO-DATE ('22-SEP-2014'). "MANTH") "Tranc - buta" FROM DUAL; -> 01 -SEP -14 Select TRUN (TO -DATE (1/2-MAR-2014)). "MONTH" I Trync - Luter " FROM DUAL : -> 01 - MAR-14

	. (2)	Parala Clara To 171
AL	70	ROUND (dary, [Fro+])
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AL_	22	Muit of wearable. It the seoul formus
		tex is amitted, the ROUND function
AL		will sound the data to the neurest
AL		203.
		The second of th
	→(e)	NEXT - DAY (done , char)
		- IF returns the next data OF given
		day available atter given buty.
	-	
-	=	" Select NEXT_DAY ('20-MAR -21') THURSDAY
		JERCH DUAL 3
T.		Manager Des Ball Strong Land Charles
		Ans & 25-Myr-21
		that cover pure water reports the
	->19	LAST. DAY (DATE)
		, 4.4
		- It is used to return the last pay to
-		
-		month of specified data.
	- 1	0.6 6
		Select LAST DAY (120-MAR-2011) FRUM
		JUAL;
-		15-Mar-21
-		



	QE corre more on subtriety.							
recm								
	exe Display the datail of Stylemts havaing hishest marks Select * From TOLSTUDINFO where MARKS = (Select MAX (MARKS) FROM TOLSTUDINFO);							
	ENO NOME MARKS DID 5 Ankit 47 3							
ed	→@ Multi row Subquery							
35)	- Inner great retains semo one of							
1	ex & Display the stadent detail or lit! de Partment.							
	Select + From TBLSTUDINFO Where DID IN (Select DID FROM TBLSTUDIN WHERE DNAME = 1 IT 13							

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			EDAN 9m	ماکنہ کا دی			
	Select A. DNAME FROM DOPH A where EXISTS (Select * From STUD - info						
	Where 212 = 4.2121;						
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as where notes' on index. -> @ Concepts or index ? - Index is a gara standance associated with table which helps in improving Performance of query processing. - The Primary Key and Anighe Key which are available which table are used as index for table. - Fox Foreign Key, there is need to explicitly complete londex. - Index is normly created for the colomos which the Frequently told during great Processing.
- one separate index file is generated From table. - By defyalt, oracle index store ROWID to identify each row miguely. - Stracture of Index file & Sparch Key Pointer · seattly ked : values prepared asing one or more colymns of the tables In agrending order. · Pointer & store the address of the valle where it is actually store in memory (ROWID).

-> @ CREATE Index & - 4sing Create Statements, the index can be generated. Asingle column index : + it is created using single toble caltmno Sayntelx : CREATE WOEX index name ON LUBIE- name (column name); @ Unique index ? + 1+ is used for Perform unce in prove ment as well as for data integrity ch/150. H doesn' + allow datalicate walnes to be inserted fato the table. anique index is automatically created For the columns where Primary Key 08 ynique Iden constraint is sete Symtyx ? CREATE UNIQUE INSEX INDEX- NAME ON +able - name (column - name);

x36 good (Q-- If the index is no longer required then we have to belete the index Fileo -To gemove index of table, anop Statement is used. Syntely & DROP HUDEX PROBEX - MUMP & e 5 % OROP INDEX PEXSTULES ->(4) Disadvantages of index 8 - when the table is negated , with each transaction the index is also modified - If the created index is never used then it immecessarily consumes resonances. - IF many indexes are created for single torple than also the performa nce is decreased with insert and Delete. - Extra space Occupies within system becamse separate index File is (realted for each index.

a Action and