Excellent Computer Education(A Professional Training Center)

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Assignment -1

Use of Formulas Sum, Average, If, Count, Counta, Countif & Sumif

Roll No	Student Name	Hindi	English	Math	Physics	Chemistry	Total	Average	Grade
1	RAM	20	10	14	18	15	77	15.4	A
2	ASHOK	21	12	14	12	18	?	?	?
3	MANOJ	33	15	7	14	17	?	?	?
4	RAJESH	15	14	8	16	20	?	?	?
5	RANJANA	14	17	10	13	18	?	?	?
6	POOJA	16	8	20	17	15	?	?	?
7	MAHESH	18	19	3	10	14	?	?	?
8	ASHUTOSH	19	20	7	14	18	?	?	?
9	ANIL	22	13	8	12	19	?	?	?
10	PREM	26	12	10	11	27	?	?	?

Q.1 Find the Total Number & Average in all Subjects in Each Student .

Q.2 Find Grade Using If Function - If Average Greater >15 then "A" Grade otherwise "B" Grade

Q.3 How Many Student "A" and "B" Grade   Use of Countif

Q.4 Student Ashok and Manoj Total Number and Average   Use of Sumif

Q.5 Count how many Students   Use of Counta

Q.6 How Many Student Hindi & English Subject Number Grater Then > 20 and <15   Use of Countif

Assignment -2

Use of Formulas - Product, If, Counta, Countif, Sumif

SRNO	ITEMS	QTY	RATE	AMOUNT	GRADE
1	AC	20	40000	800000	Expensive
2	FRIDGE	30	20000	?	
3	COOLER	15	10000	?	
4	WASHING MACHINE	14	15000	?	
5	TV	18	20000	?	
6	FAN	17	2000	?	
7	COMPUTER	10	25000	?	
8	KEYBOARD	5	250	?	
9	MOUSE	25	100	?	
10	PRINTER	30	12000	?	

Q.1 Using of Product Fomula for Calculate Amount = Qty*Rate

Q.2 How Many Items in a List

Q.3 How Many Items qty Greate Then > 20 and Less Then <20

Q.4 Calculate Item Computer Qty, Rate and Amount using Sumif Formula

Q.5 If Items Amount is Greater > 500000, Then Items "Expensive" otherwise "Lets Buy it".

Assignment -3

Use of Formulas - Sum, NestedIf, Counta, Countif, Sumif, Vlookup

SUBJECT	1ST	2ND	3RD	TOTAL	AVERAGE	GRADE
HINDI	20	15	20	55	18.33333333	B
ENGLISH	30	12	15	?	?	?
MATH	15	14	14	?	?	?
PHYSICS	12	17	17	?	?	?
CHEMISTRY	14	18	18	?	?	?
HISTORY	16	25	20	?	?	?
GEO	18	21	22	?	?	?
BIO	17	23	13	?	?	?
BOTANY	20	25	25	?	?	?

Q.1 HOW MANY SUBJECT ?   Use of Counta

Q.2 HOW MANY SUBJECT 1 PAPER GREATER THAN 20 ?   Use of Countif
                                                                                              Use of
Q.3 SUBJECT HINDI, MATH & ENGLISH TOTAL NO. & GRADE   Vlookup

Q.4 IF AVE. GREATHER THAN 20 THEN "A", IF AVE. GREATEHR THAN 15 AVE. "B" OTHERWISE "C"
                                                                                              Use of
Q.5 SUBJECT PHYSICS, MATHS & ENGLISH TOTAL /AVERAGE   Vlookup

Assignment -4 (Salary Sheet)

Use of Formulas - Sum, NestedIf, Counta, Countif, Sumif, Vlookup

NAME	DEPARTMENT	POST	BASIC	DA 2.5%	HRA 3.5%	PF 1.5%	TOTAL	GRADE
RAM	COMPUTER	MANAGER	5000	125	175	50	5250	D
SHYAM	COMPUTER	SUPERVISOR	8000	?	?	?	?	?
MANOJ	COMPUTER	PION	3000	?	?	?	?	?
POOJA	ELECTRICAL	GUARD	6000	?	?	?	?	?
RAHUL	ELECTRICAL	CASHER	8000	?	?	?	?	?
RAKESH	ELECTRICAL	ACCOUNTANT	9000	?	?	?	?	?
ASHISH	FINANCE	MANAGER	10000	?	?	?	?	?
MANISH	FINANCE	GUARD	5000	?	?	?	?	?

Q.1 HOW MANY EMPLOYEE IN COMPUTER, FINANCE, ELECTRICAL DEPARTMENT   Use of Countif

Q.2 HOW MANY BASIC SALARY IN COMPUTER DFPARTMENT ONLY?   **Use of Sumif**

Q.3 MANOJ, ASHISH POST & GRADE   Use of Vlookup
Q.4 IF TOTAL SALALRY IS GREATER THEN 20000 THEN "A", IF TOTAL SALARY GREATER THEN 10000 THEN "B", OTHERWISE "C"

Q.5 HOW MANY EMPLOYEE IS MANAGER & GUARD? Use of Countif

Assignment -5 (Sales Report)
Use of Formulas - Sum, If, Counta, Countif, Sumif, Vlookup, Lookup

SALESMAN	JAN	FEB	MAR	APR	MAY	JUNE	SALES	TARGET	RESULT
RAMESH	2000	1500	300	1400	1000	1400	7600	10000	NOT ACHIVED
RAKESH	5000	1200	500	1200	1200	2800	?	12000	?
RAHUL	3000	800	1200	3000	1500	3500	?	18000	?
POOJA	1000	900	1800	5000	1400	1200	?	10000	?
MANOJ	500	1000	2300	8000	1700	1400	?	12000	?
ASHOK	800	500	2400	1900	1800	1800	?	10000	?
AJEET	1200	1400	1500	700	2500	7000	?	12000	?
ALOK	1500	1800	1800	1800	300	1500	?	10000	?
AMRIT	1800	2500	1700	1500	2800	1800	?	12000	?
SURENDRA	200	3000	1900	1200	1500	3000	?	10000	?
SHASHI	1600	1200	2000	800	1700	800	?	10000	?

Q.1 How many salesman? Salesman Ajeet Targest & Result? Use of Counta and Vlookup
Q.2 If Sales Greater Than Target Then Target Achived otherwise Not Achived Use of If Function
Q.3 Rahul Pooja & Ashok Targest & result? Use of Vlookup
Q.4 How Many Salesman Achived Target. Use of Countif
Q.5 Which Sales Man Jan Sales 2000, & Feb Sales is 2500? Use of Lookup Function

Assignment -6
Use of Formulas - Counta, Countif, Sumif, Hlookup, Conditional Formatting

Items	Date	Cost
BRAKES	01-01-2016	800.00
TYRES	12-05-2016	2000.00
BRAKES	18-05-2016	500.00
SERVICE	20-05-2016	800.00
SERVICE	10-02-2016	1000.00
WINDOW	08-05-2016	1000.00
TYRES	10-05-2016	1200.00
TYRES	25-05-2016	1500.00
CLUTCH	10-07-2016	1800.00
TYRES	10-01-2016	2000.00
CLUTCH	15-06-2016	1500.00

CLUTCH	12-01-2016	1000.00
WINDOW	01-01-2016	1200.00
WINDOW	10-05-2016	1500.00
WINDOW	10-05-2016	1800.00
BRAKES	10-05-2016	1000.00
BRAKES	14-08-2016	1200.00
TYRES	15-08-2016	1500.00
WINDOW	20-08-2016	1800.00

Q.1 HOW MANY ITEMS ?   Use of Counta

Q.2 HOW MANY BRAKE, WINDOW & TYRES HAVE BEEN BOUGHTS?   Use of Countif

Q.3 HOW MANY ITEMS COST IS >1000 & BELOW > = 1000?   Use of Countif

Use of Conditional

Q.4 HIGHLIGHT TYRES ITESM & 500 BETWEEN 2000 COST.   F

Q.5 ITEMS COLOUMN IS 15, 18 & 20 ITEMS NAME?   Use of Hlookup

Q.6 Total Cost of Window and Brakes Items?   Use of Sumif

Assignment -7 (Calculate Date of Birth)

Use of Formulas - Counta, Countif, Sumif, if & Datedif

NAME	DATE OF BIRTH	DAY	MONTH	YEAR
RAMESH	15-05-1980	10	11	40
RAKESH	20-08-1981	?	?	?
RAHUL	15-10-2003	?	?	?
POOJA	25-05-1990	?	?	?
MANOJ	24-08-1992	?	?	?
ASHOK	23-08-1998	?	?	?
AJEET	12-05-1980	?	?	?
ALOK	18-03-2005	?	?	?
AMRIT	15-08-2007	?	?	?
SURENDRA	25-05-2010	?	?	?
SHASHI	25-08-1993	?	?	?

Q.1 HOW MANY STUDENT?   Use of Counta

Q.2 STUDENT SURENDRA IS HOW MANY YEAR OLD?   Use of Sumif

Q.3 HOW MANY STUDENT AGE GREATER THEN 20 YEARS?   Use of Countif

Q.4 IF STUDENT AGE IS GREATHER THEN 20 THEN STUDENT ADULT / CHILD?

Q.5 HOW MANY STUDENT AGE IS >= 25 YEARS?   Use of Countif

Assignment -8

Use of Formulas - Sum, Average, Counta, Countif, Sumif, & If

Student Name	Subject			Result		
Name	Maths	English	Physics	TOTAL	PERCENTAGE	GRADE
Alan	80	75	85	240	80	EXCELLENT
Bob	50	30	40	120	?	?
Carol	60	70	oor	130	?	?
David	90	85	95	270	?	?
Eric	20	30	Absent	50	?	?
Fred	40	60	80	180	?	?
Gail	10	90	80	180	?	?
Harry	80	70	60	210	?	?
Ian	30	10	20	60	?	?
Janice	10	20	30	60	?	?

Q.1 How Many Student?   Use Formula Counta

Q.2 How Many Student Percentage Greather Then > 50   Use Formula Countif

Q.3 Student Bob and Eric Total Number?   Use Formula Sumif

Q.4 If Percentage Greater Then >70 Then "Excellent", If Percentage Greater Then >50,"Good", Otherwise "Bed"

Q.5 How Many Student Good and Bed in a list   Use Formula Countif

Assignment -9

Use of Formulas - LOOKUP

LOOKUP FUNCTION SYNTAX   **LOOKUP(LOOKUP_value,lookup_vector,[result_vector])**

Empoyee ID	Last Name	First Name
110608	Doe	John
253072	Cline	Andy
352711	Smith	John
391006	Pan	Peter
392128	Favre	Bret
549457	Elway	John
580622	Manning	Eli
602693	Vick	Micheal
611810	Woods	Tiger
612235	Jordan	Micheal
795574	Stark	Tony
830385	Williams	Prince

Empoyee ID	Pay	First N.	Last N.
602693	$ 84,289	Micheal	Vick
611810	$ 1,37,670	?	?
549457	$ 1,90,024	?	?
612235	$ 1,22,604	?	?
580622	$ 1,11,709	?	?
830385	$ 85,931	?	?
253072	$ 1,68,114	?	?
391006	$ 89,627	?	?
990678	$ 1,49,946	?	?
795574	$ 1,45,893	?	?
392128	$ 64,757	?	?
352711	$ 71,478	?	?

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990678	Pitt	Brad		110608	$ 1,21,444	?	?

Assignment -10
Use of Formulas - Counta, Countif, Sumif, & Vlookup

USE OF VLOOKUP

Employee ID	Full Name	SSN	Department	Start Date	Earnings
EMP001	?	?	?	?	?
EMP002	?	?	?	?	?
EMP003	?	?	?	?	?

Employee ID	Full Name	SSN	Department	Start Date	Earnings
EMP001	Faith K. Macias	845-04-3962	Marketing	27-01-2008	$73,500.00
EMP002	Lucian Q. Franklin	345-28-4935	IT/IS	01-03-2008	$80,000.00
EMP003	Blaze V. Bridges	503-53-8350	Marketing	16-04-2008	$95,000.00
EMP004	Denton Q. Dale	858-39-7967	Marketing	03-05-2008	$1,05,000.00
EMP005	Blossom K. Fox	245-18-5890	Engineering	11-07-2008	$90,000.00
EMP006	Kerry V. David	873-45-8675	Finance	17-07-2008	$60,000.00
EMP007	Melanie X. Baker	190-08-3679	Finance	05-10-2008	$87,000.00
EMP008	Adele M. Fulton	352-36-9553	Engineering	28-10-2008	$1,04,000.00
EMP009	Justina O. Jensen	645-74-0451	Marketing	05-11-2008	$3,80,050.00
EMP010	Yoshi J. England	558-53-1475	Marketing	09-12-2008	$93,000.00
EMP011	Brooke Y. Mccarty	129-42-6148	IT/IS	12-02-2009	$1,80,000.00
EMP012	Kay G. Colon	796-50-4767	Marketing	19-03-2009	$1,00,000.00
EMP013	Callie I. Forbes	266-48-1339	Human Resources	13-04-2009	$1,36,000.00
EMP014	Zachery O. Mann	663-00-3285	Marketing	28-04-2009	$68,000.00

Q.1 How Many Employee in a List ?   Use of Formula Counta

Q.2 How Many Employee work in Finance and Marketing Department?   Use of Formula Countif

Q.3 Employee Blossom K. Fox Department and Earnings?   Use of Vlookup

Q.4 Employee Blossom K. SSN No.?   Use of Vlookup

Q.5 How Many Amount Earnings Marketing Department?   Use of Sumif

Assignment -11
Use of Formulas - Match and Vlookup With Match

CLASSIC FAVORITES	TALL	GRANDE	VENTI
Caffe Latte	$2.95	$3.75	$4.15
Cappuccino	$2.95	$3.65	$4.15

Caramel Macchiato	$3.75	$3.95	$4.25
Caffe Mocha	$3.25	$3.95	$4.40
White Chocolate Mocha	$3.45	$4.15	$4.55
Caffe Americano	$2.00	$2.40	$2.75
Cinnamon Dolce Latte	$3.95	$4.75	$5.15
Steamer	$2.25	$2.50	$2.75
Drip Coffee	$1.75	$1.95	$2.05

Question: What is the column number for the size Grande,Tall, Venti?
Use of Match Formula

Grande	3	Use of Match Function
VENTI	?	Use of Match Function
TALL	?	Use of Match Function

Question: What is the price of a Caffe Mocha, size Grande,Tall, Venti?
Use of Vlookup with Match Formula

Caffe Mocha	Grande	$3.95
Caffe Mocha	TALL	?
Caffe Mocha	VENTI	?

Assignment -12
Use of Formulas - Counta and Vlookup

Product Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total Sales
Apples	$2,773	$17,462	$5,954	$1,348	$28,158	$28,799	$25,415	$17,227	$1,27,136
Grapefruit	$12,908	$3,083	$24,492	$5,825	$1,080	$2,188	$11,087	$15,544	?
Lemons	$6,554	$14,262	$8,377	$24,982	$12,184	$6,430	$21,159	$18,597	?
Lime	$28,913	$1,437	$20,019	$13,026	$26,952	$27,076	$7,040	$10,884	?
Oranges	$4,768	$7,622	$28,918	$27,141	$3,578	$10,092	$15,207	$12,771	?
Peaches	$13,390	$3,611	$6,226	$27,567	$29,962	$2,967	$5,740	$2,137	?
Pears	$17,585	$28,508	$9,614	$17,110	$12,143	$7,365	$24,185	$1,643	?
Pineapples	$22,579	$16,301	$6,469	$22,050	$8,740	$18,806	$3,334	$3,597	?

Q.1 How Many Fruits?
Q.2 Fruits Lemons and Pineapples sales in Mar and Jul ?

Assignment -13
Create Pivot Table Using Data

Last Name	Sales	Country	Quarter
Smith	$16,753.00	UK	Qtr 3
Johnson	$14,808.00	USA	Qtr 4
Williams	$10,644.00	UK	Qtr 2
Jones	$1,390.00	USA	Qtr 3
Brown	$4,865.00	USA	Qtr 4
Williams	$12,438.00	UK	Qtr 1
Johnson	$9,339.00	UK	Qtr 2
Smith	$18,919.00	USA	Qtr 3
Jones	$9,213.00	USA	Qtr 4
Jones	$7,433.00	UK	Qtr 1
Brown	$3,255.00	USA	Qtr 2
Williams	$14,867.00	USA	Qtr 3
Williams	$19,302.00	UK	Qtr 4
Smith	$9,698.00	USA	Qtr 1

Assignment -14
Use of Formulas - Countif, Countifs and Sumifs

Season	Year	Type	State	Sales $
Fall	1998	Amber Ale	California	$5,54,536
Fall	1998	Hefeweizen	California	$5,40,643
Fall	1998	Pale Ale	California	$5,77,548
Fall	1998	Pilsner	California	$4,55,905
Fall	1998	Porter	California	$4,90,871
Fall	1998	Stout	California	$4,46,383
Fall	1998	Amber Ale	Oregon	$4,57,726
Fall	1998	Hefeweizen	Oregon	$3,47,696
Fall	1998	Pale Ale	Oregon	$3,84,541
Fall	1998	Pilsner	Oregon	$3,86,420
Fall	1998	Porter	Oregon	$3,70,970
Fall	1998	Stout	Oregon	$4,30,754
Fall	1998	Amber Ale	Washington	$5,00,847
Fall	1998	Hefeweizen	Washington	$5,07,070
Fall	1998	Pale Ale	Washington	$4,82,346
Fall	1998	Pilsner	Washington	$6,08,713
Fall	1998	Porter	Washington	$1,50,000
Fall	1998	Stout	Washington	$5,00,649
Spring	1998	Amber Ale	California	$5,45,780

Spring	1998	Hefeweizen	California	$4,40,644
Spring	1998	Pale Ale	California	$5,80,359
Spring	1998	Pilsner	California	$5,36,225
Spring	1998	Porter	California	$4,14,908
Spring	1998	Stout	California	$3,77,997
Spring	1998	Amber Ale	Oregon	$3,31,289
Spring	1998	Hefeweizen	Oregon	$3,84,572
Spring	1998	Pale Ale	Oregon	$3,65,813
Spring	1998	Pilsner	Oregon	$3,96,338
Spring	1998	Porter	Oregon	$4,53,761
Spring	1998	Stout	Oregon	$3,56,538
Spring	1998	Amber Ale	Washington	$6,06,332
Spring	1998	Hefeweizen	Washington	$5,35,218
Spring	1998	Pale Ale	Washington	$4,93,364
Spring	1998	Pilsner	Washington	$5,59,100
Spring	1998	Porter	Washington	$2,20,350
Spring	1998	Stout	Washington	$4,76,975

Q.1 How Many Spring and Fall Season? Using Formula Countif

Q.2 How Many Fall Season in California and Washington? Using Formula Countifs

Q.3 Total Sales if Spring Season in Washngton and California? using Formula Sumifs

Q.4 How Many Spring Season in Washington only? Using Formula Countifs

Q.5 Create Pivot Table Using Data?

Assignment -15
Create Pivot Table Using Data Separate Fruit and Vegetables

Order ID	Product	Category	Amount	Date	Country
1	Carrots	Vegetables	$4,270	06-01-2016	United States
2	Broccoli	Vegetables	$8,239	07-01-2016	United Kingdom
3	Banana	Fruit	$617	08-01-2016	United States
4	Banana	Fruit	$8,384	10-01-2016	Canada
5	Beans	Vegetables	$2,626	10-01-2016	Germany
6	Orange	Fruit	$3,610	11-01-2016	United States
7	Broccoli	Vegetables	$9,062	11-01-2016	Australia
8	Banana	Fruit	$6,906	16-01-2016	New Zealand
9	Apple	Fruit	$2,417	16-01-2016	France
10	Apple	Fruit	$7,431	16-01-2016	Canada
11	Banana	Fruit	$8,250	16-01-2016	Germany
12	Broccoli	Vegetables	$7,012	18-01-2016	United States
13	Carrots	Vegetables	$1,903	20-01-2016	Germany
14	Broccoli	Vegetables	$2,824	22-01-2016	Canada

15	Apple	Fruit	$6,946	24-01-2016	France
16	Banana	Fruit	$2,320	27-01-2016	United Kingdom
17	Banana	Fruit	$2,116	28-01-2016	United States
18	Banana	Fruit	$1,135	30-01-2016	United Kingdom
19	Broccoli	Vegetables	$3,595	30-01-2016	United Kingdom
20	Apple	Fruit	$1,161	02-02-2016	United States
21	Orange	Fruit	$2,256	04-02-2016	France
22	Banana	Fruit	$1,004	11-02-2016	New Zealand
23	Banana	Fruit	$3,642	14-02-2016	Canada
24	Banana	Fruit	$4,582	17-02-2016	United States
25	Beans	Vegetables	$3,559	17-02-2016	United Kingdom
26	Carrots	Vegetables	$5,154	17-02-2016	Australia
27	Mango	Fruit	$7,388	18-02-2016	France
28	Beans	Vegetables	$7,163	18-02-2016	United States
29	Beans	Vegetables	$5,101	20-02-2016	Germany
30	Apple	Fruit	$7,602	21-02-2016	France

Q.1 How Many Fruits and Vegetables Items in a List?   Use of Formula Countif

Q.2 Total Apple and Banana Amount?   Use of Formula Sumif

Q.3 How Many Product in a list?   Use of Counta

Q.4 How Many Apple and Banana Use in Canada & United Kingdom?   Use of Countifs

Q.5 Apple and Banana Sales in United States ?   Use of Sumifs

Assignment -16
Use of Formulas - Countif, Countifs and Sumifs and Vlookup

Name	Gender	Country	Score
Richard	Male	United States	74
Jennifer	Female	United Kingdom	92
James	Male	United States	65
Lisa	Female	Canada	82
Sharon	Female	Australia	50
Elizabeth	Female	Canada	91
Carol	Female	United States	96
Mark	Male	United States	58
John	Male	Canada	67
Susan	Female	United Kingdom	54
David	Male	United States	83

Use of Formula Countif

Q.1 How Many Male and Female Candidate in a List?

Use of Formula Countifs

Q.2 How Many Male Employee in United States?

Q.3 Lisa and John Which Country Belong?   Use of Vlookup

Q.4 United States Male and Female Candidate Scores?

Q.5 How Many Male Candidate Belong Country United State Total Score?

Assignment -17
Use of Formulas - Vlookup

ID	Brand	Product
101	Dell	Computer
102	Logitech	Keyboard
103	Logitech	Mouse
104	HP	Printer

Use of Vlookup Function ?

ID	Brand	Product
104	HP	Printer
103	?	?
104	?	?
101	?	?
102	?	?
103	?	?
101	?	?
104	?	?
101	?	?
102	?	?

Assignment -18
Use of Formulas - Hlookup

ID	101	102	103	104
Brand	Dell	Logitech	Logitech	HP
Product	Computer	Keyboard	Mouse	Printer

ID	Product	Brand
104	Printer	**HP**
103	?	**?**
104	?	**?**
101	?	**?**
102	?	**?**
103	?	**?**
101	?	**?**
104	?	**?**
101	?	**?**
102	?	**?**

Assignment -19
Use of Formulas - Index with Match

Region	Jan	Feb	Mar
North	5,535	5,414	9,027
South	5,013	5,107	11,667
East	6,597	3,858	1,507
West	3,195	3,654	7,225

East	Mar	1,507	INDEX(A4:D8,MATCH(A10,A4:A8,0),MATCH(B10,A4:D4,0))
West	Feb	?	
South	Jan	?	
North	Mar	?	

Assignment -21
Use of Formulas - Index + Match

Emp Name	Salary	Department	Emp ID	Emp ID	Salary
Raju	92,671	Sales	Prd001	Prd001	92,671
Ramesh	84,120	Operations	Prd002	Prd002	?
Ramila	50,793	Marketing	Prd003	Prd003	?
Rajeshwari	77,833	HR	Prd004	Prd004	?
Karan	58,914	Finance	Prd005	Prd005	?
Rohith	51,096	IT	Prd006	Prd006	?
Jacob	83,735	Marketing	Prd007	Prd007	?
Fleming	74,418	IT	Prd008	Prd008	?
Navya	51,366	Sales	Prd009	Prd009	?
Kavya	54,600	Finance	Prd010	Prd010	?
Santosh	93,509	Operations	Prd011	Prd011	?
Shankar	80,105	Finance	Prd012	Prd012	?
Rajesh	60,802	Marketing	Prd013	Prd013	?
Mahesh	76,260	Sales	Prd014	Prd014	?
Hemaraj	88,965	IT	Prd015	Prd015	?
Nagaraj	63,288	Operations	Prd016	Prd016	?
Johson	45,742	Sales	Prd017	Prd017	?
David	88,354	Marketing	Prd018	Prd018	?
Anderson	76,641	Marketing	Prd019	Prd019	?
Peter	61,678	Sales	Prd020	Prd020	?

Assignment -22
Use of Formulas - Lookup

Emp Name	Salary	Department	Emp ID		Emp ID	Salary
Raju	92,671	Sales	Prd001		Prd001	92,671
Ramesh	84,120	Operations	Prd002		Prd002	?
Ramila	50,793	Marketing	Prd003		Prd003	?
Rajeshwari	77,833	HR	Prd004		Prd004	?
Karan	58,914	Finance	Prd005		Prd005	?
Rohith	51,096	IT	Prd006		Prd006	?
Jacob	83,735	Marketing	Prd007		Prd007	?
Fleming	74,418	IT	Prd008		Prd008	?
Navya	51,366	Sales	Prd009		Prd009	?
Kavya	54,600	Finance	Prd010		Prd010	?
Santosh	93,509	Operations	Prd011		Prd011	?
Shankar	80,105	Finance	Prd012		Prd012	?
Rajesh	60,802	Marketing	Prd013		Prd013	?
Mahesh	76,260	Sales	Prd014		Prd014	?
Hemaraj	88,965	IT	Prd015		Prd015	?
Nagaraj	63,288	Operations	Prd016		Prd016	?
Johson	45,742	Sales	Prd017		Prd017	?
David	88,354	Marketing	Prd018		Prd018	?
Anderson	76,641	Marketing	Prd019		Prd019	?
Peter	61,678	Sales	Prd020		Prd020	?

Q.1 How Many Employee in Work HR, IT, Marketing Department ?   Use of Countif
Q.2 Employee Santosh Salary?   Use of Sumif
Q.3 IT & Marketing Department Total Salary?   Use of Sumif

Assignment -23
Use of Formulas - AND

NAME	PHYSICS	CHEMISTRY	MATHS	BIOLOGY	PASSED THE EXAM ?
NITIN	PASS	PASS	FAIL	PASS	FALSE
FEROZ	PASS	PASS	PASS	PASS	?
ANITHA	PASS	FAIL	PASS	PASS	?
MADAN	PASS	PASS	PASS	PASS	?
HARRY	PASS	FAIL	PASS	PASS	?
SUMITH	FAIL	PASS	PASS	PASS	?
HARSH	PASS	PASS	PASS	FAIL	?

TRIVEDI	PASS	PASS	FAIL	PASS	?
ASHISH	PASS	PASS	PASS	PASS	?

IN THIS EXAMPLE, IF STUDENT PASSES ALL THE SUBJECT, THEN HE HAS PASSED THE EXAM

Assignment -24

Use of Formulas - Averageif

Product Name	Units sold
A	250.00
D	110.00
E	300.00
B	50.00
C	45.00
D	23.00
F	25.00
A	90.00
D	450.00
C	23.00
A	250.00
B	25.00

Average of B	37.5
Average of D	?

Student	Semester	Score
John	second	90
gary	Third	77
Richa	second	80
Hari	second	65
Tom	Third	45
Will	Third	55

Average semester score	
Second	78.33333333
Third	?

Zone	City	Sales
South	Chennai	25000
East	Patna	12000
North	Delhi	4200
North	Kanpur	5600
West	Gandhinagar	15000
East	Hubli	7000
South	Manglore	5200
North	Chandigarh	6000
West	Pune	8500
south	Hyderabad	12000
North	Meerut	4300
West	Nagpur	1200

Average of West zone	
8233.33	

Product Name	Units sold
A	250.00
D	110.00
E	300.00
B	50.00
C	45.00
D	23.00
F	25.00
A	90.00
D	450.00
C	23.00
A	250.00
B	25.00

Avg of Units Sold above 250	375
Avg of Units Sold below 100	?

Assignment -26
Use of If and Vlookup -Compare List 1 to List 2

List 1	List 2	Result
Raj	Ankita	Not Matching
Rohit	Rohit	Matching
Kajal	Abhay	Not Matching
Rohan	Rohan	Matching
Akshay	Puneet	Not Matching

List 1	List 2	Result
343749	160466	160466
183257	183258	Value not in List 1
160466	249447	249447
249447	343749	343749
532765	356160	Value not in List 1
356163	379391	379391
455292	455292	455292
379391	532765	532765

IF(A9=B9,"Matching","Not Matching")

VLOOKUP(F12,E5:E12,1,0)

Color List-1
Red
Yellow
Green
Blue
Orange
White

Result
Red
Yellow
Green
#N/A
Orange
#N/A

Color List-2
Red
Yellow
Grey
Green
Orange
Black

VLOOKUP(A17,E17:E22,1,FALSE)

Assignment -27
Use of Concatenate

Emp ID	First Name	Last Name	Full Name
D21	Vishal	Mohan	Vishal Mohan
D22	John	Mathew	John Mathew
D23	Jamemah	Powel	Jamemah Powel
D24	Arundhati	Swaminathan	Arundhati Swaminathan
D25	Peter	Potter	Peter Potter
D26	Roger	Williams	Roger Williams

= **CONCATENATE(B5," ",C5)**

Emp ID	First Name	Last Name	Full Name
D21	Vishal	Mohan	Vishal Mohan
D22	John	Mathew	John Mathew

D23	Jamemah	Powel	Jamemah Powel

=   **B16&" "&C16**

Assignment -28
Use of Counta, Countif, Countifs, Vlookup and Index with Match

Employee Database				
Date	**Emp Id**	**Name**	**Designation**	**KRA**
01-11-2018	1101	ARUN	MIS-OPERATION	SALES
01-11-2018	1102	ASHOK	OPERATION	PHP
03-11-2018	1103	BISWAS	SOFTWARE ENG	JAVA
03-11-2018	1104	DINESH	SME	MAILS
03-11-2018	1105	ESHWAR	PROGRAMMER	C++
06-11-2018	1106	FAHAD	PROGRAMMER	DOT NET
06-11-2018	1107	GANGA	SOFTWARE ASSOCIATE	TESTING
08-11-2018	1108	HEMA	NETWORK ENG	SERVER
08-11-2018	1109	FARZANA	SALES EXECUTIVE	SALES
08-11-2018	1110	AYESH	SALES EXECUTIVE	AMAZON
09-11-2018	1111	PRAVEEN	SALES EXECUTIVE	AMAZON
09-11-2018	1109	FARZANA	SALES EXECUTIVE	AMAZON
10-11-2018	1112	VISHAL	SALES EXECUTIVE	GROFFERS
10-11-2018	1113	VISHNU	SALES EXECUTIVE	PAYTM
10-11-2018	1114	KRISHNA	SALES EXECUTIVE	PAYTM
10-11-2018	1115	ABHISHEK	SALES EXECUTIVE	MYNTRA
11-11-2018	1109	FARZANA	SALES EXECUTIVE	AMAZON
11-11-2018	1116	FARZANA BANU	SALES EXECUTIVE	MYNTRA
11-11-2018	1116	FARZANA BANU	SALES EXECUTIVE	MYNTRA
11-11-2018	1116	FARZANA BANU	SALES EXECUTIVE	MYNTRA
01-नवम्बर−18	1010	VAMSEE KRISHNA	BRAND MANAGER	MARKETING

Q.1 How Many Employee? — Use of Counta

Q.2 How Many Employee in Sales Executive? — Use of Countif

Q.3 How Many Employee Sales Executive in Amazone and Myntra? — Use of Countifs

Q.4 Employee Dinesh and Vishal Post and KRA? — use of Vlookup

Q.5 Employee Abhishek and Hema Emp id? — Use of Index with Match

Assignment -29
Use of Vlookup One Sheet to Another Sheet

Sheet 1- Data

Emp Id	First Name	Last Name	Department	Location
101	Donald	Patrick	Finance	Banglore
102	Samuel	Samson	Marketing	Hyderabad
103	Ian	Jacob	Finance	Hyderabad
104	David	Johnson	Marketing	Pune
105	Ian	Smith	Marketing	Banglore
106	Henry	Madrid	IT	Pune
107	Ronica	Brave	Finance	Hyderabad
108	Christine	Salvi	Marketing	Banglore
109	Andrew	Baisley	IT	Hyderabad
110	Erica	Irons	IT	Pune

Sheet 2- Use of Vlookup

Emp Id	First Name	Last Name	Department	Location
101	Donald	Patrick	Finance	Banglore
103	?	?	?	?
102	?	?	?	?
105	?	?	?	?
108	?	?	?	?
106	?	?	?	?
107	?	?	?	?
104	?	?	?	?
109	?	?	?	?
110	?	?	?	?

Assignment -30
Get Pivot Table

Date of Sale	Month	Sales Amt
19-01-2018	January	2,01,440
16-01-2018	January	3,52,519
22-01-2018	January	1,72,406

Pivot Table Result

Month   (All)

Date of Sale	Sum of Sales Amt
12-01-2018	2,40,000

12-01-2018	January	2,40,000	16-01-2018	3,52,519
05-02-2018	February	15,205	19-01-2018	2,01,440
02-02-2018	February	24,327	22-01-2018	1,72,406
13-02-2018	February	50,549	02-02-2018	24,327
15-02-2018	February	15,106	05-02-2018	15,205
15-02-2018	February	19,901	09-02-2018	15,205
09-02-2018	February	15,205	13-02-2018	50,549
22-02-2018	February	3,00,000	15-02-2018	35,007
26-02-2018	February	1,50,000	22-02-2018	3,00,000
26-02-2018	February	3,30,553	26-02-2018	6,43,835
26-02-2018	February	1,63,282	27-02-2018	5,64,030
27-02-2018	February	5,64,030	28-02-2018	7,20,256
28-02-2018	February	5,03,599	**Grand Total**	**33,34,777**
28-02-2018	February	15,218		
28-02-2018	February	2,01,440		

Assignment -31
USE OF HLOOKUP

Months	January	February	March	April	May	June
Sale	240	180	310	445	650	700

Months	April
Sale	?

Name	Roger	Mat	Jim	Cole	Ricky	Mary
Science	36	45	52	66	75	40
English	82	71	56	32	81	66
Maths	32	45	52	51	71	74

Marks in English	?

Name	Roger	Mat	Jim	Cole	Ricky	Mary
Science	36	45	52	66	75	40
English	82	71	56	32	81	66
Maths	32	45	52	51	71	74

Marks in Maths	?

EMP	FIS6067	FIS5228	FIS6799	FIS1149	FIS5834
SALES1	66	43	36	82	89
SALES2	51	83	41	125	79

SALES3	35	97	92	41	39
SALES4	84	76	35	48	37
SALES5	110	77	90	37	34

EMP	FIS1149
Sales 4	?

Temperarture (In Celsius)	21	33	39	42	50
Cities	New Delhi	Patna	Mumbai	Pune	Bangalore

Temperature	40
City	?

Employee	Albert	Aaron	Albama	Abeey	Carol	Cathy
Sales	200	125	320	250	300	421

Employee	Cat
Sales	?

Assignment -32
USE OF NESTEDIF

Name	Total Numbers Earned	Grade earned
John Wilkins	92	A+
Steve Harrington	88	A
Edward Clark	94	A+
Jimmy Chemberlin	84	B+
Alex Wilkins	95	A+
Patty Scott	78	B
Andrew Williams	59	D
Emilia johnson	43	F
Anthony Rogers	90	A+

Condition List

90-100	A+
85 - < 90	A
80 - < 85	B+
75 - < 80	B
70 - < 75	C+
65 - < 70	C
60 - < 65	D+
50 - < 60	D
< 50	F

Assignment -33
Merge Table 1,2 & 3 Using Vlookup

Table 1

Emp ID	Emp Name
Prd001	Raju
Prd002	Ramesh
Prd003	Ramila

Table 2

Emp ID	Dept
Prd001	Sales
Prd002	Operations
Prd003	Marketing

Table 3

Emp ID	Salary
Prd001	92,671
Prd002	84,120
Prd003	50,793

Emp ID	Emp Name
Prd004	Rajeshwari
Prd005	Karan
Prd006	Rohith
Prd007	Jacob
Prd008	Fleming
Prd009	Navya
Prd010	Kavya
Prd011	Santosh
Prd012	Shankar
Prd013	Rajesh
Prd014	Mahesh
Prd015	Hemaraj
Prd016	Nagaraj
Prd017	Johson
Prd018	David
Prd019	Anderson
Prd020	Peter

Emp ID	Department
Prd013	Marketing
Prd014	Sales
Prd015	IT
Prd016	Operations
Prd017	Sales
Prd020	Sales
Prd004	HR
Prd005	Finance
Prd006	IT
Prd018	Marketing
Prd019	Marketing
Prd007	Marketing
Prd008	IT
Prd009	Sales
Prd010	Finance
Prd011	Operations
Prd012	Finance

Emp ID	Salary
Prd004	77,833
Prd005	58,914
Prd006	51,096
Prd015	88,965
Prd016	63,288
Prd017	45,742
Prd018	88,354
Prd019	76,641
Prd020	61,678
Prd007	83,735
Prd008	74,418
Prd009	51,366
Prd010	54,600
Prd011	93,509
Prd012	80,105
Prd013	60,802
Prd014	76,260

Emp ID	Emp Name	Result Department	Salary
Prd001	Raju	???	???
Prd002	Ramesh	???	???
Prd003	Ramila	???	???
Prd004	Rajeshwari	???	???
Prd005	Karan	???	???
Prd006	Rohith	???	???
Prd007	Jacob	???	???
Prd008	Fleming	???	???
Prd009	Navya	???	???
Prd010	Kavya	???	???
Prd011	Santosh	???	???
Prd012	Shankar	???	???
Prd013	Rajesh	???	???
Prd014	Mahesh	???	???
Prd015	Hemaraj	???	???
Prd016	Nagaraj	???	???
Prd017	Johson	???	???
Prd018	David	???	???
Prd019	Anderson	???	???
Prd020	Peter	???	???

Assignment -34
Use of Sumif

Owner	Product Class	Quantity Sold
Ben	A1	4615
Jeff	A4	2345
Ben	C3	11282
Jeff	C14	4159
Jenny	A12	7802
Ben	B3	8486
Jeff	B7	3384
Jenny	B11	3422

Total Quantity Sold	By Ben	24383	Total Quantity Sold By Jenny	?

Total Quantity Sold	By Ben & Jenny	35607	Total Quantity Sold By Ben & Jenny	?

SUMIF(A2:A9,"Ben",C2:C9)+SUMIF(A2:A9,"Jenny",C2:C9)

Owner	Product Class	Quantity Sold
Ben	A1	4615
Jeff	A4	2345
Ben	C3	11282
Jeff	C14	4159
Jenny	A12	7802
Ben	B3	8486
Jeff	B7	3384
Jenny	B11	3422

Total Quantity Sold	By Ben & Jenny	35607	Total Quantity Sold By Jeff & Jenny	

SUMIF(A2:A9,"Ben",C2:C9)+SUMIF(A2:A9,"Jenny",C2:C9)

Excellent Computer Education(A Professional Training Center)

Assignment -36

USE OF VLOOKUP

Emp	First Name	Dept	Region	Salary	INCENTIVE	Bonus	TA
1	Raja	Sales	north	15625			
2	Suman	Sales	east	12500			
3	Beena	Mktg	north	8750			
4	Seema	R&D	north	15000			
5	Julie	R&D	north	8875			
6	Neena	R&D	north	8875			
7	Pankaj	Sales	north	10625			
8	Andre	Mktg	east	11250			
9	Sujay	Finance	west	10625			
10	Shilpa	Admin	north	15000			
11	Meera	Finance	east	13750			
12	Sheetal	Director	south	35000			
13	K. Sita	Personal	north	10625			
14	Priya	Personal	north	10625			
15	Aalok	Admin	east	11250			
16	Aakash	Admin	west	11250			
17	Parvati	Mktg	north	7500			

Dept	INCENTIVE	Bonus
Sales	100	900
Mktg	200	800
R&D	300	700
Finance	400	600
Admin	500	500
Director	600	400
Personal	700	300
CCD	800	200

Region	TA
north	100
east	200
west	300
south	400

Q.1 How many Emloyee in Sales and Mktg Department.

Q.2 How Many salary in Sales Department.

Q.3 How many Employee Department Sales, North Region Salary.

Q.4 How many Employee Department Sales and Region north.

Q.5 If Salary Greater Then 15000, "A", if salary Greater Then 10000, "B" otherwise "C".

Assignment -37
USE OF VLOOKUP
WITH CONDITION TRUE/FALSE

CONDITION

Empcode	First Name	Dept	Salary	Incentive	Grade
1	Raja	Sales	15,625	20%	D
2	Suman	Sales	12,500	?	?
3	Beena	Mktg	8,750	?	?
4	Seema	R&D	15,000	?	?
5	Julie	R&D	8,875	?	?
6	Neena	R&D	8,875	?	?

salary slab	incentive	grade
1	5%	A
5001	10%	B
10001	15%	C
15001	20%	D
20001	25%	E
25001	30%	F

7	Pankaj	Sales	10,625	?	?		30001	35%	G
8	Andre	Mktg	11,250	?	?		35001	40%	H
9	Sujay	Finance	10,625	?	?				
10	Shilpa	Admin	15,000	?	?				
11	Meera	Finance	13,750	?	?				
12	Sheetal	Director	35,000	?	?				
13	K. Sita	Personal	10,625	?	?				
14	Priya	Personal	10,625	?	?				
15	Aalok	Admin	11,250	?	?				
16	Aakash	Admin	11,250	?	?				
17	Parvati	Mktg	7,500	?	?				
18	Farhan	Mktg	4,250	?	?				
19	Satinder Kaur	Mktg	5,625	?	?				
20	Suchita	Mktg	5,625	?	?				
21	Shazia	Mktg	5,625	?	?				
22	Pooja	Sales	10,625	?	?				
23	Jasbinder	R&D	5,625	?	?				
24	Bharat	Sales	13,750	?	?				
25	Rishi	Sales	9,375	?	?				
26	Mala	R&D	7,500	?	?				
27	Hajra	Admin	6,875	?	?				
28	Aalam	Personal	10,125	?	?				
29	Giriraj	R&D	11,250	?	?				
30	Ankur	CCD	11,250	?	?				
31	Tapan	CCD	5,000	?	?				
32	Zarina	CCD	6,250	?	?				
33	Arun	Mktg	6,625	?	?				
34	Pooja	Personal	8,375	?	?				
35	Shilpa	Finance	17,500	?	?				
36	Chitra	Finance	17,500	?	?				
37	Sheetal	Finance	17,500	?	?				
38	Richa	Sales	7,500	?	?				
39	Kirtikar	Admin	5,625	?	?				
40	Pooja	R&D	9,500	?	?				

Assignment -38
USE OF DATEDIF FORMULAS CALCULATE DOB

FirstDate	SecondDate	Interval	Difference	
01-जनवरी-60	10-मई-70	days	3782	=DATEDIF(C4,D4,"d")
01-जनवरी-60	10-मई-70	months	124	=DATEDIF(C5,D5,"m")
01-जनवरी-60	10-मई-70	years	10	=DATEDIF(C6,D6,"y")
01-जनवरी-60	10-मई-70	yeardays	130	=DATEDIF(C7,D7,"yd")
01-जनवरी-60	10-मई-70	yearmonths	4	

				=DATEDIF(C8,D8,"ym")
01-जनवरी-60	10-मई-70	monthdays	9	=DATEDIF(C9,D9,"md")

What Does It Do?

This function calculates the difference between two dates.

It can show the result in weeks, months or years.

Syntax

=DATEDIF(FirstDate,SecondDate,"Interval")

FirstDate : This is the earliest of the two dates.

SecondDate : This is the most recent of the two dates.

"Interval" : This indicates what you want to calculate.

These are the available intervals.

"d"	Days between the two dates.
"m"	Months between the two dates.
"y"	Years between the two dates.
"yd"	Days between the dates, as if the dates were in the same year.
"ym"	Months between the dates, as if the dates were in the same year.
"md"	Days between the two dates, as if the dates were in the same month and year.

Formatting

No special formatting is needed.

Birth date :	01-जनवरी-60	

Years lived :	61	=DATEDIF(C8,TODAY(),"y")
and the months :	3	=DATEDIF(C8,TODAY(),"ym")
and the days :	24	=DATEDIF(C8,TODAY(),"md")

You can put this all together in one calculation, which creates a text version.

Age is 61 Years, 3 Months and 24 Days

="Age is "&DATEDIF(C8,TODAY(),"y")&" Years, "&DATEDIF(C8,TODAY(),"ym")&" Months and "&DATEDIF(C8,TODAY(),"md")&" Days"

Assignment -44

USE OF FIND & LARGE FORMULA

Text	Letter To Find	Position Of Letter	
Hello	e	2	=FIND(D4,C4)
Hello	H	1	=FIND(D5,C5)
Hello	o	5	=FIND(D6,C6)
Alan Williams	a	3	=FIND(D7,C7)

Alan Williams	a	11	=FIND(D8,C8,6)
Alan Williams	T	#VALUE!	=FIND(D9,C9)

Values
120
800
100
120
250

Highest Value	800	=LARGE(C4:C8,1)
2nd Highest Value	250	=LARGE(C4:C8,2)
3rd Highest Value	120	=LARGE(C4:C8,3)
4th Highest Value	120	=LARGE(C4:C8,4)
5th Highest Value	100	=LARGE(C4:C8,5)

What Does It Do ?

This function examines a list of values and picks the value at a user specified position
in the list.

Syntax

=LARGE(ListOfNumbersToExamine,PositionToPickFrom)

Formatting

No special formatting is needed.

Example

The following table was used to calculate the top 3 sales figures between Jan, Feb and Mar.

Sales	Jan	Feb	Mar
North	£5,000	£6,000	£4,500
South	£5,800	£7,000	£3,000
East	£3,500	£2,000	£10,000
West	£12,000	£4,000	£6,000

Highest Value	£12,000	=LARGE(D24:F27,1)
2nd Highest Value	£10,000	=LARGE(D24:F27,2)
3rd Highest Value	£7,000	=LARGE(D24:F27,3)

Note

Another way to find the Highest and Lowest values would have been to use
the =MAX() and =MIN() functions.

Highest	£12,000	=MAX(D24:F27)
Lowest	£2,000	=MIN(D24:F27)

Assignment -45

USE OF LEFT, FIND, LEN, LOWER, NETWORKDAYS

USE OF LEFT

Text	Number Of Characters Required	Left String	
Alan Jones	1	A	LEFT(A5,B5)
Alan Jones	2	Al	
Alan Jones	3	Ala	
Cardiff	6	Cardif	
ABC123	4	ABC1	

USE OF LEFT AND FIND

Full Name	First Name	
Alan Jones	Alan	=LEFT(A12,FIND(" ",A12)-1)
Bob Smith	Bob	
Carol Williams	Carol	

USE OF LEN

Text	Length	
Alan Jones	10	=LEN(A18)
Bob Smith	?	
Carol Williams	?	
Cardiff	?	
ABC123	?	

USE OF LOWER

Upper Case Text	Lower Case	
ALAN JONES	alan jones	=LOWER(A27)
BOB SMITH	?	
CAROL WILLIAMS	?	
CARDIFF	?	
ABC123	?	

USE OF NETWORKDAYS

Start Date	End Date	Work Days	
01-मार्च-98	07-मार्च-98	5	=NETWORKDAYS(A36,B36)
25-अप्रैल-98	30-जुलाई-98	69	
24-दिसम्बर-98	05-जनवरी-99	9	

Assignment -46
USE OF POWER, PRODUCT, PROPER, REPT

USE OF POWER

Number	Power	Result	
3	2	9	=POWER(A5,B5)
3	4	?	
5	2	?	
5	4	?	

USE OF PRODUCT

Numbers		Product	
2	3	6	=PRODUCT(A12,B12)
5	10	?	
3	7	?	
		6300	

USE OF PROPER

Original Text	Proper	
alan jones	Alan Jones	=PROPER(A19)
bob smith	?	
caRol wILLIAMS	?	
cardiff	?	
ABC123	?	

USE OF REPT

Text To Repeat	Number Of Repeats	Repeated Text	
A	3	AAA	=REPT(A27,B27)
AB	3	?	
-	10	?	
|	10	?	

Assignment -48

SALESMAN	JAN	FEB	MAR	APR	MAY	JUNE	SALES	TARGET	RESULT	comission
RAMESH	2000	1500	300	1400	1000	1400	7600	10000	NOT ACHIVED	380
RAKESH	5000	1200	500	1200	1200	2800	11900	12000	NOT ACHIVED	595
RAHUL	3000	800	1200	3000	1500	3500	13000	18000	NOT ACHIVED	650
POOJA	1000	900	1800	5000	1400	1200	11300	10000	ACHIEVED	1130
MANOJ	500	1000	2300	8000	1700	1400	14900	12000	ACHIEVED	1490

ASHOK	800	500	2400	1900	1800	1800	9200	10000	NOT ACHIVED	460
AJEET	1200	1400	1500	700	2500	7000	14300	12000	ACHIEVED	1430
ALOK	1500	1800	1800	1800	300	1500	8700	10000	NOT ACHIVED	435
AMRIT	1800	2500	1700	1500	2800	1800	12100	12000	ACHIEVED	1210
SURENDRA	200	3000	1900	1200	1500	3000	10800	10000	ACHIEVED	1080
SHASHI	1600	1200	2000	800	1700	800	8100	10000	NOT ACHIVED	405

Q.1 How many salesman? Salesman Ajeet Targest & Result?   USE OF COUNTA AND VLOOKUP

Q.3 Rahul Pooja & Ashok Targest & result?   USE OF VLOOKUP

Q.4 How Many Salesman Achived Target.   USE OF COUNTIF

Q.5 Which Sales Man Jan Sales 2000, & Feb Sales is 2500?   USE OF LOOKUP

Q.6 How Many sales Man sales Jan Months Sales >2000 & March Sales <=1500 ?   USE OF COUNTIFS

Q.7 Jan to Target Highlights 2000 between 5000, Font Red & Background Yeloow?   USE OF CONDITIONLF

Q.8 If sales Greter then Target then Comission 10% otherwise 5% ?   UEE OF IF FUNCTION

Assignment -49

SALESMAN	JAN	FEB	MAR	APR	MAY	JUNE	SALES	TARGET	RESULT
RAMESH	2000	1500	300	1400	1000	1400	7600	10000	NOT ACHIVED
RAKESH	5000	1200	500	1200	1200	2800	11900	12000	NOT ACHIVED
RAHUL	3000	800	1200	3000	1500	3500	13000	18000	NOT ACHIVED
POOJA	1000	900	1800	5000	1400	1200	11300	10000	ACHIEVED
MANOJ	500	1000	2300	8000	1700	1400	14900	12000	ACHIEVED
ASHOK	800	500	2400	1900	1800	1800	9200	10000	NOT ACHIVED
AJEET	1200	1400	1500	700	2500	7000	14300	12000	ACHIEVED
ALOK	1500	1800	1800	1800	300	1500	8700	10000	NOT ACHIVED
AMRIT	1800	2500	1700	1500	2800	1800	12100	12000	ACHIEVED
SURENDRA	200	3000	1900	1200	1500	3000	10800	10000	ACHIEVED
SHASHI	1600	1200	2000	800	1700	800	8100	10000	NOT ACHIVED

Q.1 How many salesman? Salesman Ajeet Targest & Result?   USE OF COUNTA AND VLOOKUP

Q.3 Rahul Pooja & Ashok Targest & result?   USE OF VLOOKUP

Q.4 How Many Salesman Achived Target.   USE OF COUNTIF

Q.5 Which Sales Man Jan Sales 2000, & Feb Sales is 2500?   USE OF LOOKUP

Q.6 How Many sales Man sales Jan Months Sales >2000 & March Sales <=1500 ?   USE OF COUNTIF

Q.7 Jan to Target Highlights 2000 between 5000, Font Red & Background Yeloow?   USE OF CONDITIONAL FORMATTING

Assignment -50
USE OF DATEDIF

NAME	DATE OF BIRTH	DAY	MONTH	YEAR
RAMESH	15-05-1980	10	3	40
RAKESH	20-08-1981	?	?	?
RAHUL	15-10-2003	?	?	?
POOJA	25-05-1990	?	?	?
MANOJ	24-08-1992	?	?	?
ASHOK	23-08-1998	?	?	?
AJEET	12-05-1980	?	?	?
ALOK	18-03-2005	?	?	?
AMRIT	15-08-2007	?	?	?
SURENDRA	25-05-2010	?	?	?
SHASHI	25-08-1993	?	?	?

Q.1 HOW MANY STUDENT?

Q.2 STUDENT SURENDRA IS HOW MANY YEAR OLD?

Q.3 HOW MANY STUDENT AGE GREATER THEN 20 YEARS?

Q.4 IF STUDENT AGE IS GREATHER THEN 20 THEN STUDENT ADULT / CHILD?

Q.5 HOW MANY STUDENT AGE IS >= 25 YEARS?

More Practice Excel File Link

https://drive.google.com/file/d/1toBtR2SRhY9iAeZduEmg4drgYhTiXUSk/view?usp=sharing