

DBMS and Visual Basic Practical File



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SQL:

1. DDL Commands:

- Create
- Alter
- Drop

2. DQL & DML Commands:

- Select
- Insert
- Update
- Delete

3. Aggregate Functions

4. Group-By and Order-By

5. Types of Joins

6. SQL Sub-Queries

```
CREATE DATABASE Practice;
```

```
USE Practice;
```

```
CREATE TABLE STUDENT(  
ID INTEGER PRIMARY KEY,  
Name VARCHAR(20) NOT NULL,  
DOB DATE,  
Address VARCHAR(25),  
Sex CHAR(1),  
Course VARCHAR(20),  
Marks1 INTEGER,  
Marks2 INTEGER,  
Marks3 INTEGER,
```

Marks4 INTEGER,

Marks5 INTEGER

);

SELECT * FROM STUDENT;

INSERT INTO STUDENT VALUES

(1,'NAVEEN','1998-01-23','DELHI','M','OPERATIONAL RESEARCH',71,78,79,84,89),

(2,'PRAVEEN','1997-01-30','DELHI','M','STATISTIC',67,78,96,78,50),

(3,'Nalini','1998-02-16','PUNE','F','MATHEMATICS',56,67,59,68,45),

(4,'KARTIKEYA','1998-09-26','NOIDA','M','OPERATIONAL RESEARCH',70,79,89,98,87),

(5,'ABHISHEKH','1995-02-10','GAZIABAD','M','OPERATIONAL RESEARCH',70,79,67,79,78),

(6,'SOURABH','2002-04-23','BALIYA','M','OPERATIONAL RESEARCH',56,45,52,56,50),

(7,'Soumya','1995-05-07','DELHI','F','LANGUAGE',60,61,56,74,34),

(8,'PUNEET','1996-08-26','BIHAR','M','PHYSICS',80,81,92,93,56),

(9,'AKSHAY','1997-09-25','UK','M','STATISTIC',60,67,68,56,50),

(10,'Rosie','1997-09-20','UK','F','MATHEMATICS',67,76,87,54,49);

ID	Name	DOB	Address	Sex	Course	Marks1	Marks2	Marks3	Marks4	Marks5
1	NAVEEN	1998-01-23	DELHI	M	OPERATIONAL RESEARCH	71	78	79	84	89
2	PRAVEEN	1997-01-30	DELHI	M	STATISTIC	67	78	96	78	50
3	Nalini	1998-02-16	PUNE	F	MATHEMATICS	56	67	59	68	45
4	KARTIKEYA	1998-09-26	NOIDA	M	OPERATIONAL RESEARCH	70	79	89	98	87
5	ABHISHEKH	1995-02-10	GAZIABAD	M	OPERATIONAL RESEARCH	70	79	67	79	78
6	SOURABH	2002-04-23	BALIYA	M	OPERATIONAL RESEARCH	56	45	52	56	50
7	Soumya	1995-05-07	DELHI	F	LANGUAGE	60	61	56	74	34
8	PUNEET	1996-08-26	BIHAR	M	PHYSICS	80	81	92	93	56
9	AKSHAY	1997-09-25	UK	M	STATISTIC	60	67	68	56	50
10	Rosie	1997-09-20	UK	F	MATHEMATICS	67	76	87	54	49

ALTER TABLE STUDENT ADD Last_Name VARCHAR(10);

UPDATE STUDENT SET Last_Name = 'Singh' WHERE ID = 1;

```

UPDATE STUDENT SET Last_Name = 'Sharma' WHERE ID = 2;
UPDATE STUDENT SET Last_Name = 'Verma' WHERE ID = 3;
UPDATE STUDENT SET Last_Name = 'Choudhary' WHERE ID = 4;
UPDATE STUDENT SET Last_Name = 'Gupta' WHERE ID = 5;
UPDATE STUDENT SET Last_Name = 'Shah' WHERE ID = 6;
UPDATE STUDENT SET Last_Name = 'Yadav' WHERE ID = 7;
UPDATE STUDENT SET Last_Name = 'Varshney' WHERE ID = 8;
UPDATE STUDENT SET Last_Name = 'Rastogi' WHERE ID = 9;
UPDATE STUDENT SET Last_Name = 'Smith' WHERE ID = 10;

```

ID	Name	DOB	Address	Sex	Course	Marks1	Marks2	Marks3	Marks4	Marks5	Last_Name
1	NAVEEN	1998-01-23	DELHI	M	OPERATIONAL RESEARCH	71	78	79	84	89	Singh
2	PRAVEEN	1997-01-30	DELHI	M	STATISTIC	67	78	96	78	50	Sharma
3	Nalini	1998-02-16	PUNE	F	MATHEMATICS	56	67	59	68	45	Verma
4	KARTIKEYA	1998-09-26	NOIDA	M	OPERATIONAL RESEARCH	70	79	89	98	87	Choudhary
5	ABHISHEKH	1995-02-10	GAZIABAD	M	OPERATIONAL RESEARCH	70	79	67	79	78	Gupta
6	SOURABH	2002-04-23	BALIYA	M	OPERATIONAL RESEARCH	56	45	52	56	50	Shah
7	Soumya	1995-05-07	DELHI	F	LANGUAGE	60	61	56	74	34	Yadav
8	PUNEET	1996-08-26	BIHAR	M	PHYSICS	80	81	92	93	56	Varshney
9	AKSHAY	1997-09-25	UK	M	STATISTIC	60	67	68	56	50	Rastogi
10	Rosie	1997-09-20	UK	F	MATHEMATICS	67	76	87	54	49	Smith

```
DELETE FROM STUDENT WHERE ID = 4;
```

ID	Name	DOB	Address	Sex	Course	Marks1	Marks2	Marks3	Marks4	Marks5	Last_Name
1	NAVEEN	1998-01-23	DELHI	M	OPERATIONAL RESEARCH	71	78	79	84	89	Singh
2	PRAVEEN	1997-01-30	DELHI	M	STATISTIC	67	78	96	78	50	Sharma
3	Nalini	1998-02-16	PUNE	F	MATHEMATICS	56	67	59	68	45	Verma
5	ABHISHEKH	1995-02-10	GAZIABAD	M	OPERATIONAL RESEARCH	70	79	67	79	78	Gupta
6	SOURABH	2002-04-23	BALIYA	M	OPERATIONAL RESEARCH	56	45	52	56	50	Shah
7	Soumya	1995-05-07	DELHI	F	LANGUAGE	60	61	56	74	34	Yadav
8	PUNEET	1996-08-26	BIHAR	M	PHYSICS	80	81	92	93	56	Varshney
9	AKSHAY	1997-09-25	UK	M	STATISTIC	60	67	68	56	50	Rastogi
10	Rosie	1997-09-20	UK	F	MATHEMATICS	67	76	87	54	49	Smith

```

CREATE TABLE COURSES(
Name VARCHAR(20) PRIMARY KEY,
HoD VARCHAR(20),

```

Practicals CHAR(1)

);

INSERT INTO COURSES VALUES

('OPERATIONAL RESEARCH', 'Shruti', 'Y'),

('STATISTICS', 'Pawan Kumar', 'Y'),

('LANGUAGE', 'Sheila', 'N'),

('PHYSICS', 'Smriti', 'Y'),

('MATHEMATICS', 'Anushka', 'Y');

SELECT * FROM COURSES;

Name	HoD	Practicals
LANGUAGE	Sheila	N
MATHEMATICS	Anushka	Y
OPERATIONAL RESEARCH	Shruti	Y
PHYSICS	Smriti	Y
STATISTICS	Pawan Kumar	Y

SELECT * FROM STUDENT INNER JOIN COURSES ON STUDENT.Course
= COURSES.Name;

ID	Name	DOB	Address	Sex	Course	Marks1	Marks2	Marks3	Marks4	Marks5	Last_Name	Name	HoD	Practicals
1	NAVEEN	1998-01-23	DELHI	M	OPERATIONAL RESEARCH	71	78	79	84	89	Singh	OPERATIONAL RESEARCH	Shruti	Y
3	Nalini	1998-02-16	PUNE	F	MATHEMATICS	56	67	59	68	45	Verma	MATHEMATICS	Anushka	Y
5	ABHISHEKH	1995-02-10	GAZIABAD	M	OPERATIONAL RESEARCH	70	79	67	79	78	Gupta	OPERATIONAL RESEARCH	Shruti	Y
6	SOURABH	2002-04-23	BALIYA	M	OPERATIONAL RESEARCH	56	45	52	56	50	Shah	OPERATIONAL RESEARCH	Shruti	Y
7	Soumya	1995-05-07	DELHI	F	LANGUAGE	60	61	56	74	34	Yadav	LANGUAGE	Sheila	N
8	PUNEET	1996-08-26	BIHAR	M	PHYSICS	80	81	92	93	56	Varshney	PHYSICS	Smriti	Y
10	Rosie	1997-09-20	UK	F	MATHEMATICS	67	76	87	54	49	Smith	MATHEMATICS	Anushka	Y

SELECT * FROM STUDENT LEFT JOIN COURSES ON STUDENT.Course =
COURSES.Name;

ID	Name	DOB	Address	Sex	Course	Marks1	Marks2	Marks3	Marks4	Marks5	Last_Name	Name	HoD	Practicals
1	NAVEEN	1998-01-23	DELHI	M	OPERATIONAL RESEARCH	71	78	79	84	89	Singh	OPERATIONAL RESEARCH	Shruti	Y
2	PRAVEEN	1997-01-30	DELHI	M	STATISTIC	67	78	96	78	50	Sharma	OPERATIONAL RESEARCH	Shruti	Y
3	Nalini	1998-02-16	PUNE	F	MATHEMATICS	56	67	59	68	45	Verma	HEMATICS	Anushka	Y
5	ABHISHEKH	1995-02-10	GAZIABAD	M	OPERATIONAL RESEARCH	70	79	67	79	78	Gupta	OPERATIONAL RESEARCH	Shruti	Y
6	SOURABH	2002-04-23	BALIYA	M	OPERATIONAL RESEARCH	56	45	52	56	50	Shah	OPERATIONAL RESEARCH	Shruti	Y
7	Soumya	1995-05-07	DELHI	F	LANGUAGE	60	61	56	74	34	Yadav	LANGUAGE	Shella	N
8	PUNEET	1996-08-26	BIHAR	M	PHYSICS	80	81	92	93	56	Varshney	PHYSICS	Smriti	Y
9	AKSHAY	1997-09-25	UK	M	STATISTIC	60	67	68	56	50	Rastogi	STATISTICS	Pawan Kumar	Y
10	Rosie	1997-09-20	UK	F	MATHEMATICS	67	76	87	54	49	Smith	MATHEMATICS	Anushka	Y

SELECT * FROM STUDENT RIGHT JOIN COURSES ON STUDENT.Course = COURSES.Name;

ID	Name	DOB	Address	Sex	Course	Marks1	Marks2	Marks3	Marks4	Marks5	Last_Name	Name	HoD	Practicals
7	Soumya	1995-05-07	DELHI	F	LANGUAGE	60	61	56	74	34	Yadav	LANGUAGE	Shella	N
10	Rosie	1997-09-20	UK	F	MATHEMATICS	67	76	87	54	49	Smith	MATHEMATICS	Anushka	Y
3	Nalini	1998-02-16	PUNE	F	MATHEMATICS	56	67	59	68	45	Verma	MATHEMATICS	Anushka	Y
6	SOURABH	2002-04-23	BALIYA	M	OPERATIONAL RESEARCH	56	45	52	56	50	Shah	OPERATIONAL RESEARCH	Shruti	Y
5	ABHISHEKH	1995-02-10	GAZIABAD	M	OPERATIONAL RESEARCH	70	79	67	79	78	Gupta	OPERATIONAL RESEARCH	Shruti	Y
1	NAVEEN	1998-01-23	DELHI	M	OPERATIONAL RESEARCH	71	78	79	84	89	Singh	OPERATIONAL RESEARCH	Shruti	Y
8	PUNEET	1996-08-26	BIHAR	M	PHYSICS	80	81	92	93	56	Varshney	PHYSICS	Smriti	Y
												STATISTICS	Pawan Kumar	Y

SELECT ID, name, Marks1, Marks2, Marks3, Marks4, Marks5,
((Marks1+Marks2+Marks3+Marks4+Marks5)/5) AS percentage

FROM student

GROUP BY ID, name, Marks1, Marks2, Marks3, Marks4, Marks5

ORDER BY percentage;

ID	name	Marks1	Marks2	Marks3	Marks4	Marks5	percentage
6	SOURABH	56	45	52	56	50	51.8000
7	Soumya	60	61	56	74	34	57.0000
3	Nalini	56	67	59	68	45	59.0000
9	AKSHAY	60	67	68	56	50	60.2000
10	Rosie	67	76	87	54	49	66.6000
2	PRAVEEN	67	78	96	78	50	73.8000
5	ABHISHEKH	70	79	67	79	78	74.6000
1	NAVEEN	71	78	79	84	89	80.2000
8	PUNEET	80	81	92	93	56	80.4000

SELECT AVG(Marks1 + Marks2 + Marks3 + Marks4 + Marks5) AS
Average_Marks

FROM STUDENT

WHERE Course IN (

SELECT Name

```
FROM COURSES
WHERE Practicals = 'Y'
);
```

DROP TABLE STUDENT;

	Average_Marks
▶	343.8333

Visual Basic:

1. Simple Calculator:

```
Dim sign As String
Dim a, b As Double
Private Sub Command1_Click()
Text1.Text = Text1.Text & 1
End Sub

Private Sub Command10_Click()
a = Text1.Text
sign = "+"
Text1.Text = " "
End Sub

Private Sub Command11_Click()
a = Text1.Text
sign = "-"
Text1.Text = " "
End Sub

Private Sub Command12_Click()
a = Text1.Text
sign = "*"
Text1.Text = " "
End Sub

Private Sub Command13_Click()
Text1.Text = " "
End Sub

Private Sub Command14_Click()
Text1.Text = Text1.Text & 0
```

'Anushka Adarsh – Kirori Mal College

End Sub

```
Private Sub Command15_Click()  
Text1.Text = Text1.Text & "."  
End Sub
```

```
Private Sub Command16_Click()  
a = Text1.Text  
sign = "/"  
Text1.Text = " "  
End Sub
```

```
Private Sub Command17_Click()  
b = Text1.Text
```

```
If sign = "+" Then  
Text1.Text = a + b  
Else  
If sign = "-" Then  
Text1.Text = a - b  
Else  
If sign = "*" Then  
Text1.Text = a * b  
Else  
If sign = "/" Then  
Text1.Text = a / b  
End If  
End If  
End If  
End If
```

End Sub

```
Private Sub Command2_Click()  
Text1.Text = Text1.Text & 2  
End Sub
```

```
Private Sub Command3_Click()  
Text1.Text = Text1.Text & 3  
End Sub
```

```
Private Sub Command4_Click()  
Text1.Text = Text1.Text & 4  
End Sub
```



```
Private Sub Command5_Click()  
Text1.Text = Text1.Text & 5  
End Sub
```

```
Private Sub Command6_Click()  
Text1.Text = Text1.Text & 6  
End Sub
```

```
Private Sub Command7_Click()  
Text1.Text = Text1.Text & 7  
End Sub
```

```
Private Sub Command8_Click()  
Text1.Text = Text1.Text & 8  
End Sub
```

```
Private Sub Command9_Click()  
Text1.Text = Text1.Text & 9  
End Sub
```

```
Dim sign As String
Dim a, b As Double
```

```
Private Sub Command1_Click()
Text1.Text = Text1.Text & 1
End Sub
```

```
Private Sub Command10_Click()
a = Text1.Text
sign = "+"
Text1.Text = " "
End Sub
```

```
Private Sub Command11_Click()
a = Text1.Text
sign = "-"
Text1.Text = " "
End Sub
```

```
Private Sub Command12_Click()
a = Text1.Text
sign = "*"
Text1.Text = " "
End Sub
```

```
Private Sub Command13_Click()
Text1.Text = " "
End Sub
```

```
Private Sub Command14_Click() 'Anushka Adarsh - Kirori Mal College
Text1.Text = Text1.Text & 0
End Sub
```

```
Private Sub Command15_Click()
Text1.Text = Text1.Text & "."
End Sub
```

```
Private Sub Command16_Click()
a = Text1.Text
sign = "/"
Text1.Text = " "
End Sub
```

```
Private Sub Command17_Click()
b = Text1.Text
```

```
If sign = "+" Then
```

```
Private Sub Command17_Click()
b = Text1.Text
```

```
If sign = "+" Then
Text1.Text = a + b
Else
If sign = "-" Then
Text1.Text = a - b
Else
If sign = "*" Then
Text1.Text = a * b
Else
If sign = "/" Then
Text1.Text = a / b
End If
End If
End If
```

```
End Sub
```

```
Private Sub Command2_Click()
Text1.Text = Text1.Text & 2
End Sub
```

```
Private Sub Command3_Click()
Text1.Text = Text1.Text & 3
End Sub
```

```
Private Sub Command4_Click()
Text1.Text = Text1.Text & 4
End Sub
```

```
Private Sub Command5_Click()
Text1.Text = Text1.Text & 5
End Sub
```

```
Private Sub Command6_Click()
Text1.Text = Text1.Text & 6
End Sub
```

```
Private Sub Command7_Click()
Text1.Text = Text1.Text & 7
End Sub
```

```
Private Sub Command8_Click()
```

Form1

3

1	2	3	+
4	5	6	-
7	8	9	*
CLR	0	.	/

=

Anushka Adarsh (Kirori Mal College)

2. Percentage and CGPA:

Dim i, j, k, l, m, p, c As Double

Private Sub Command1_Click()

i = Val(Text1.Text)

j = Val(Text2.Text)

k = Val(Text3.Text)

l = Val(Text4.Text)

m = Val(Text5.Text) 'Anushka Adarsh - Kirori Mal College

$p = (i + j + k + l + m) / 5$

$c = p / 9.5$

Text6.Text = p

Text7.Text = c

End Sub

```
Dim i, j, k, l, m, p, c As Double
```

```
Private Sub Command1_Click()  
i = Val(Text1.Text)  
j = Val(Text2.Text)  
k = Val(Text3.Text)  
l = Val(Text4.Text)  
m = Val(Text5.Text) 'Anushka Adarsh - Kirori Mal College  
  
p = (i + j + k + l + m) / 5  
c = p / 9.5  
  
Text6.Text = p  
Text7.Text = c  
End Sub
```

The screenshot shows a Windows form titled "CGPA and Percentage". It contains five input fields for subjects, a "Calculate" button, and two output fields. The input fields are labeled "Subject 1:" through "Subject 5:" and contain the values 91, 94, 94, 92, and 93 respectively. The "Calculate" button is centered below the input fields. Below the button are two output fields: "Percentage" with the value 92.8 and "CGPA" with the value 9.76842105263158. The form also includes a footer text "Anushka Adarsh - Kirori Mal College".

Subject	Score
Subject 1 :	91
Subject 2 :	94
Subject 3 :	94
Subject 4 :	92
Subject 5 :	93

Calculate

Percentage	CGPA
92.8	9.76842105263158

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3. First three EOQ Models:

```
Dim A, L, I, S, Q, P As Double
```

```
Private Sub Command1_Click()  
Frame1.Visible = True  
Frame2.Visible = False  
Frame3.Visible = False  
End Sub
```

```
Private Sub Command2_Click()  
Frame1.Visible = False  
Frame2.Visible = True  
Frame3.Visible = False  
End Sub      'Anushka Adarsh – Kirori Mal College
```

```
Private Sub Command3_Click()  
Frame1.Visible = False  
Frame2.Visible = False  
Frame3.Visible = True  
End Sub
```

```
Private Sub Command4_Click()  
A = Val(Text1.Text)  
L = Val(Text2.Text)  
I = Val(Text3.Text)
```

```
Q = Sqr(2 * A * L / I)
```

```
Text5.Text = Q  
End Sub      ' Anushka Adarsh - Kirori Mal College
```

```
Private Sub Command5_Click()  
A = Val(Text4.Text)  
L = Val(Text6.Text)  
S = Val(Text7.Text)  
I = Val(Text8.Text)
```

$$Q = \text{Sqr}(2 * A * L * S / (S - L) * I)$$

Text9.Text = Q

End Sub

Private Sub Command6_Click()

A = Val(Text10.Text)

L = Val(Text11.Text)

S = Val(Text12.Text)

P = Val(Text13.Text)

$$Q = \text{Sqr}(2 * A * L * (P - I) / I * P)$$

Text14.Text = Q

End Sub

Form1

Model 1 Model 2 Model 3

Model 1

Ordering Cost : 30

Demand Rate : 2000

Inventory Carrying Cost : 25

Calculate

Optimal Order Quantity : 69.2820323027551

Anushka Adarsh - Kirori Mal College

Form1

Model 1Model 2Model 3

Model 2

Ordering Cost :20

Demand Rate :2000

Production Rate :2500

Inventory Carrying Cost :6

Calculate

Optimal Order Quantity :1549.19333848297

Anushka Adarsh - Kirori Mal College

Model 1Model 2Model 3

Model 3

Ordering Cost :

Demand Rate :

Inventory Carrying Cost :

Backorder Cost :

Calculate

Optimal Order Quantity :

Anushka Adarsh - Kirori Mal College

```

Private Sub Command2_Click()
Frame1.Visible = False
Frame2.Visible = True
Frame3.Visible = False
End Sub

Private Sub Command3_Click()
Frame1.Visible = False
Frame2.Visible = False
Frame3.Visible = True
End Sub

Private Sub Command4_Click()
A = Val(Text1.Text)
L = Val(Text2.Text)
I = Val(Text3.Text)

Q = Sqr(2 * A * L / I)

Text5.Text = Q
End Sub
' Anushka Adarsh - Kirori Mal College

Private Sub Command5_Click()
A = Val(Text4.Text)
L = Val(Text6.Text)
S = Val(Text7.Text)
I = Val(Text8.Text)

Q = Sqr(2 * A * L * S / (S - L) * I)

Text9.Text = Q
End Sub

Private Sub Command6_Click()
A = Val(Text10.Text)
L = Val(Text11.Text)
S = Val(Text12.Text)
P = Val(Text13.Text)

Q = Sqr(2 * A * L * (P - I) / I * P)

Text14.Text = Q
End Sub

```

4. Arithmetic operations on two numbers:

```
Dim a, b, r As Double
```

```
Private Sub Command1_Click()
```

```
a = Val(Text1.Text)
```

```
b = Val(Text2.Text)
```

```
r = a + b
```

```
Text3.Text = r
```

```
End Sub
```

```
Private Sub Command2_Click()
```

```
a = Val(Text1.Text)
```

```
b = Val(Text2.Text)
```


$r = a - b$

Text3.Text = r

End Sub

Private Sub Command3_Click()

a = Val(Text1.Text)

b = Val(Text2.Text) 'Anushka Adarsh - Kirori Mal College

$r = a / b$

Text3.Text = r

End Sub

Private Sub Command4_Click()

a = Val(Text1.Text)

b = Val(Text2.Text)

$r = a * b$

Text3.Text = r

End Sub

```

Dim a, b, r As Double
Private Sub Command1_Click()
a = Val(Text1.Text)
b = Val(Text2.Text)

r = a + b

Text3.Text = r
End Sub

Private Sub Command2_Click()
a = Val(Text1.Text)
b = Val(Text2.Text)

r = a - b

Text3.Text = r
End Sub

Private Sub Command3_Click()
a = Val(Text1.Text)
b = Val(Text2.Text)          'Anushka Adarsh - Kirori Mal College

r = a / b

Text3.Text = r
End Sub

Private Sub Command4_Click()
a = Val(Text1.Text)
b = Val(Text2.Text)

r = a * b

Text3.Text = r
End Sub

```

Arithmetic Operations

First Number :

Second Number :

Result :

Add

Subtract

Divide

Multiply

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5. Simple and Compound Interest:

```
Dim P, R, T, n, SI, CI As Double
Private Sub Command1_Click()
P = Val(Text1.Text)
R = Val(Text2.Text)
T = Val(Text3.Text)
n = Val(Text4.Text)
```

```
CI = P * ((1 + R / (100 * n)))
SI = P * R * T / 100
```

' Anushka Adarsh - Kirori Mal College

```
Text5.Text = CI
Text6.Text = SI
End Sub
```

```
Dim P, R, T, n, SI, CI As Double
```

```
Private Sub Command1_Click()
```

```
P = Val(Text1.Text)
```

```
R = Val(Text2.Text)
```

```
T = Val(Text3.Text)
```

```
n = Val(Text4.Text)
```

```
CI = P * ((1 + R / (100 * n)))
```

```
SI = P * R * T / 100
```

' Anushka Adarsh - Kirori Mal College |

```
Text5.Text = CI
```

```
Text6.Text = SI
```

```
End Sub
```

Simple Interest and Compound Interest

Principal :	<input type="text" value="20000"/>
Rate of Interest :	<input type="text" value="3"/>
Total Time Span :	<input type="text" value="4"/>
Number of Compounds :	<input type="text" value="4"/>

Compound Interest :	<input type="text" value="20150"/>
Simple Interest :	<input type="text" value="2400"/>

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6. VB & MS-Access connectivity:

```
Private Sub Command1_Click()  
Data1.Recordset.AddNew  
End Sub
```

```
Private Sub Command2_Click()  
Data1.Recordset.Update  
End Sub
```

```
Private Sub Command3_Click()  
Data1.Recordset.Delete      'Anushka Adarsh - Kirori Mal College  
End Sub
```

```
Private Sub Command4_Click()  
Data1.Recordset.MovePrevious  
End Sub
```

```
Private Sub Command5_Click()  
Data1.Recordset.MoveNext  
End Sub
```

```
Private Sub Command6_Click()  
End  
End Sub
```

```
Dim P, R, T, n, SI, CI As Double
```

```
Private Sub Command1_Click()
```

```
P = Val(Text1.Text)
```

```
R = Val(Text2.Text)
```

```
T = Val(Text3.Text)
```

```
n = Val(Text4.Text)
```

```
CI = P * ((1 + R / (100 * n)))
```

```
SI = P * R * T / 100
```

```
' Anushka Adarsh - Kirori Mal College |
```

```
Text5.Text = CI
```

```
Text6.Text = SI
```

```
End Sub
```

Simple Interest and Compound Interest

Principal :

20000

Rate of Interest :

3

Total Time Span :

4

Number of Compounds :

4

Calculate

Compound Interest :

20150

Simple Interest :

2400

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