

Saraswati Mahila Mahavidyalaya, Palwal

Lesson Plan :

Name of the Assistant/Associate Professor: Mamta

Class and Section: B.S.C - 3rd yr.

Name of subject: Visual-Basic & LAB.

Subject Lesson Plan : 18 weeks (from January 2018 to April 2018)

(Note: Prepare as per list of holidays declared by Haryana govt.)

WEEK 1
ASSIGNMENT: Visual-Basic & Features of VB.
WEEK 1, DAY 1, DATE :01/01/2018(MONDAY)
Introduction to VB, VB - Features - Applications of VB. LAB 1: Introduction about Visual Basic windows & Controls.
WEEK 1, DAY 2, DATE :02/01/2018(TUESDAY)
Sub:- Difference b/w Visual / Non- Visual programming. LAB 1: Program to create a button on form.
WEEK 1, DAY 3, DATE :03/01/2018(WEDNESDAY)
Sub:- Discussion & Revision LAB 1: Working with forms.
WEEK 1, DAY 4, DATE :04/01/2018(THURSDAY)
Sub:- Procedure oriented programming languages. LAB 2: Introduction about VB windows & controls
WEEK 1, DAY 5, DATE :05/01/2018(FRIDAY)
Holiday on account of Guru Govind Singh's Birthday
WEEK 1, DAY 6, DATE :06/01/2018(SATURDAY)

Sub:- Object-oriented programming languages.

LAB2: Program to create a button on form.

WEEK 2

ASSIGNMENT:

WEEK 2, DAY 1, DATE :08/01/2018(MONDAY)

Sub:- D/W blw Procedure & Object-oriented programming.

Lab1: working with forms continue.

WEEK 2, DAY 2, DATE :09/01/2018(TUESDAY)

Sub:- Introduction of Event-driven programming.

LAB 1: Program to create a Label & Text box.

WEEK 2, DAY 3, DATE :10/01/2018(WEDNESDAY)

Sub:- Event-driven programming continues..

Lab 1: Program to set all properties of a controls.

WEEK 2, DAY 4, DATE :11/01/2018(THURSDAY)

Sub:- The IDE (VB) Environment.

Lab2: Program to create a label & text box.

WEEK 2, DAY 5, DATE :12/01/2018(FRIDAY)

Sub:- Oral Test & discussion.

Lab2: Program to set all properties of a controls.

WEEK 2, DAY 6, DATE :13/01/2018(SATURDAY)

Sub:- Revision.

Lab3: Program to create a list box.

WEEK 3

ASSIGNMENT: Various Controls in tool-box

WEEK 3, DAY 1, DATE :15/01/2018(MONDAY)

Sub:- Introduction about Menu-bar in VB.

Lab 1: Program to create a List-box.

WEEK 3, DAY 2, DATE :16/01/2018(TUESDAY)

Sub:- Explanation about toolbox in VB.

Lab 1: Program to create a Combo-box.

WEEK 3, DAY 3, DATE :17/01/2018(WEDNESDAY)

Sub:- Introduce How to create button, Label, form on VB.

Lab 1: Revision

WEEK 3, DAY 4, DATE :18/01/2018(THURSDAY)

Sub:- Explanation of Combo-box, List box, Pictures & Image box.

Lab 2: Program to create a Combo-box.

WEEK 3, DAY 5, DATE :19/01/2018(FRIDAY)

Sub:- Revision

Lab 2:- Revision in Lab with students.

WEEK 3, DAY 6, DATE :20/01/2018(SATURDAY)

Sub:- Introduction about property window.

Lab 2: Program to create a MsgBox & its working.

WEEK 4

ASSIGNMENT: Event-driven-programming in detail.

WEEK 3, DAY 1, DATE :22/01/2018(MONDAY)

Holiday on account of Basant Panchmi.
WEEK 4, DAY 2, DATE :23/01/2018(TUESDAY)
Sub:- Creation of Form & Form layout. Lab 1: Program to create a msg box & its working.
WEEK 4, DAY 3, DATE :24/01/2018(WEDNESDAY)
Holiday on account of Sir Chotu Ram Jayanti.
WEEK 4, DAY 4, DATE :25/01/2018(THURSDAY)
Sub:- Introduction about Immediate window Lab 2: Program to create a drop-box & 'Print' statement.
WEEK 4, DAY 5, DATE :26/01/2018(FRIDAY)
Holiday on account of Republic Day.
WEEK 4, DAY 6, DATE :27/01/2018(SATURDAY)
Sub:- Test on Explanation of various tools in VB. Lab 2: Program to create a Combo-box.
WEEK 5
ASSIGNMENT:
WEEK 5, DAY 1, DATE :29/01/2018(MONDAY)
Sub:- Event-driven programming. Lab 1: Program for hide & unhide a form or load or unload a form.
WEEK 5, DAY 2, DATE :30/01/2018(TUESDAY)
Sub:- Advantages of Event driven programming. Lab 1: Program to create the sum of two integers.
WEEK 5, DAY 3, DATE :31/01/2018(WEDNESDAY)
Holiday on account of Guru Ravi Dass Jayanti
WEEK 5, DAY 4, DATE :01/02/2018(THURSDAY)
Lab 2: Program to create a sum of 2-numbers.

Sub:- Basics of programming.

WEEK 5, DAY 5, DATE :02/02/2018(FRIDAY)

Sub:- Declaration of variables in VB.

Lab2, Explanation of variables in Lab.

WEEK 5, DAY 6, DATE :03/02/2018(SATURDAY)

Sub:- Types of variables in VB.

Lab2: Test

WEEK 6

ASSIGNMENT:

WEEK 6, DAY 1, DATE :05/02/2018(MONDAY)

Sub:- Converting variables in VB.

Lab1: Program to make a calculator in VB.

WEEK 6, DAY 2, DATE :06/02/2018(TUESDAY)

Sub:- Revision.

Lab1: Program to make comparison of two numbers.

WEEK 6, DAY 3, DATE :07/02/2018(WEDNESDAY)

Sub:- User-defined variables in VB.

Lab1: Revision.

WEEK 6, DAY 4, DATE :08/02/2018(THURSDAY)

Sub:- Data-types in VB.

Lab2: Program to make calculator in VB.

WEEK 6, DAY 5, DATE :09/02/2018(FRIDAY)

Sub:- Continue previous lecture

Lab:- Revision

WEEK 6, DAY 6, DATE :10/02/2018(SATURDAY)

Holiday on account of Maharshi Dayanand Saraswati Jayanti.

WEEK 7

ASSIGNMENT: Variables & its Types.

WEEK 7, DAY 1, DATE :12/02/2018(MONDAY)

Sub:- Scope & Life-time of variables.

Lab 1: Program to demonstrate looping.

WEEK 7, DAY 2, DATE :13/02/2018(TUESDAY)

Holiday on account of Maha Shivaratri.

WEEK 7, DAY 3, DATE :14/02/2018(WEDNESDAY)

Sub:- Revision & Oral-test.

Lab 1: Program to print sum of 10 no: by using for next-loop.

WEEK 7, DAY 4, DATE :15/02/2018(THURSDAY)

Sub:- Explanation of Constants, Types of Constants.

Lab 1: Program to calculate factorial by using do-loop.

WEEK 7, DAY 5, DATE :16/02/2018(FRIDAY)

Sub:- Named & Intrinsic.

Lab 2: Program to calculate the sum of 10 no. by using for-loop.

WEEK 7, DAY 6, DATE :17/02/2018(SATURDAY)

Sub:- Introduction about operators. Types of operators.

Lab2: Program to make calculator in VB.

WEEK 8

ASSIGNMENT: Assignment on operators.

WEEK 8, DAY 1, DATE :19/02/2018(MONDAY)

Sub:- Arithmetical & Logical operators in VB.

Lab1: Program for operators

WEEK 8, DAY 2, DATE :20/02/2018(TUESDAY)

Sub:- Relational operators in VB.

Lab1: Program of relational operators in VB.

WEEK 8, DAY 3, DATE :21/02/2018(WEDNESDAY)

Sub:- Test on operators.

Lab1: Program of logical operators.

WEEK 8, DAY 4, DATE :22/02/2018(THURSDAY)

Sub:- I/O in VB.

Lab2: Program of relational operators.

WEEK 8, DAY 5, DATE :23/02/2018(FRIDAY)

Sub:- Various controls in VB.

Lab2: Program of logical operators.

WEEK 8, DAY 6, DATE :24/02/2018(SATURDAY)

Sub:- Revision.

Lab 2: Revision.
WEEK 9
ASSIGNMENT:
WEEK 9, DAY 1, DATE :26/02/2018(MONDAY)
Sub:- Message-Box, Input Box.
Lab 1: Program to make a input box.
WEEK 9, DAY 2, DATE :27/02/2018(TUESDAY)
Sub:- Advantages / disadvantages Messagebox, input box. Explanation of Print-statement in vb.
Lab 1: Program to make a print statement.
WEEK 9, DAY 3, DATE :28/02/2018(WEDNESDAY)
VACATION -II
WEEK 9, DAY 4, DATE :01/03/2018(THURSDAY)
VACATION -II
WEEK 9, DAY 5, DATE :02/03/2018(FRIDAY)
VACATION -II
WEEK 9, DAY 6, DATE :03/03/2018(SATURDAY)
VACATION -II
WEEK 10
ASSIGNMENT:
WEEK 10, DAY 1, DATE :05/03/2018(MONDAY)
Sub:- Programming in VB by using decision & conditions.
Lab 1: Program to calculate the grade by using select - case.

WEEK 10, DAY 2, DATE :06/03/2018(TUESDAY)

Sub:- IF- statement, If-else, statement

Lab 1: Program to ^{calculate} make use Nested Control by calculating marks.

WEEK 10, DAY 3, DATE :07/03/2018(WEDNESDAY)

Sub:- Select - case statement in VB.

Lab 1: Program to use of select - case statements.

WEEK 10, DAY 4, DATE :08/03/2018(THURSDAY)

Sub:- Loops in VB. Various - types of loops.

Lab 2: Program to calculate marks by Nested Conditions.

WEEK 10, DAY 5, DATE :09/03/2018(FRIDAY)

Sub:- Do-loops Explanation with eg.

Lab 2: Revision.

WEEK 10, DAY 6, DATE :10/03/2018(SATURDAY)

Sub:- For-next, while - next explanation with eg.

Lab 2: Program For creation of Array.

WEEK 11

ASSIGNMENT:

WEEK 11, DAY 1, DATE :12/03/2018(MONDAY)

Sub:- Nested controls in VB.

Lab: Program of Array.

WEEK 11, DAY 2, DATE :13/03/2018(TUESDAY)

Sub:- Exit - statement in VB.

Lab 1: Program of one dimension Array.

WEEK 11, DAY 3, DATE :14/03/2018(WEDNESDAY)

Sub:- Introduction of Arrays, Advantages / disadvantages

Lab 1: Program of Multi-dimension Array.

WEEK 11, DAY 4, DATE :15/03/2018(THURSDAY)

Sub:- Types of arrays - one dimensional

Lab 2: Program of one dimension array.

WEEK 11, DAY 5, DATE :16/03/2018(FRIDAY)

Sub:- Revision.

Lab 2: Program of Multi dimension array.

WEEK 11, DAY 6, DATE :17/03/2018(SATURDAY)

Sub:- Two-dimensional array.

Lab 2: Revision.

WEEK 12

ASSIGNMENT:

WEEK 12, DAY 1, DATE :19/03/2018(MONDAY)

Sub:- Multidimensional - Array.

Lab 1: Revision & Practice.

WEEK 12, DAY 2, DATE :20/03/2018(TUESDAY)

Sub:- oral test.

Lab 1: Program of static variable in array.

WEEK 12, DAY 3, DATE :21/03/2018(WEDNESDAY)

Sub:- Static & Dynamic Array.

Lab 1: Program dynamic variable in array.

WEEK 12, DAY 4, DATE :22/03/2018(THURSDAY)

Sub:- Test on loops & their types.

Lab 2: static variable in array.

WEEK 12, DAY 5, DATE :23/03/2018(FRIDAY)

Holiday on account of Shahidi diwas.

WEEK 12, DAY 6, DATE :24/03/2018(SATURDAY)

Sub:- Discussion on Test - topics with students.

Lab 2: Revision.. & dynamic variable in array.

WEEK 13

ASSIGNMENT:

WEEK 13, DAY 1, DATE :26/03/2018(MONDAY)

Sub:- Array of Array.

Lab 1: Program to use of functions in VB.

WEEK 13, DAY 2, DATE :27/03/2018(TUESDAY)

Sub:- Procedures & Types of procedures in VB.

Lab 1: Program to add multiple forms in array VB.

WEEK 13, DAY 3, DATE :28/03/2018(WEDNESDAY)

Sub:- General & Event procedures in arrays.

Lab1: Revision.

WEEK 13, DAY 4, DATE :29/03/2018(THURSDAY)

Holiday on account of Mahavir jayanti.

WEEK 13, DAY 5, DATE :30/03/2018(FRIDAY)

Sub:- Revision & oral test.

Lab2: Program to use of functions in VB.

WEEK 13, DAY 6, DATE :31/03/2018(SATURDAY)

Sub:- Functions & Types of functions.

Lab2: Program to add multiple forms in VB.

WEEK 14

ASSIGNMENT:

WEEK 14, DAY 1, DATE :02/04/2018(MONDAY)

Sub:- Subroutine & procedures.

Lab1: Program to show & hide forms in VB.

WEEK 14, DAY 2, DATE :03/04/2018(TUESDAY)

Sub:- Calling procedures with e.g.

Lab1: Program to make menu in VB.

WEEK 14, DAY 3, DATE :04/04/2018(WEDNESDAY)

Sub:- Passing mechanism & optional arguments.

Lab 1: Revision.

WEEK 14, DAY 4, DATE :05/04/2018(THURSDAY)

Sub:- Revision.

Lab 2: Program to show & hide forms in VB.

WEEK 14, DAY 5, DATE :06/04/2018(FRIDAY)

Sub:- Functions returning custom data items.

Lab 2: Program of menu designing.

WEEK 14, DAY 6, DATE :07/04/2018(SATURDAY)

Sub:- Oral Test.

Lab 2: Revision & Practice.

WEEK 15

ASSIGNMENT:

WEEK 15, DAY 1, DATE :09/04/2018(MONDAY)

Sub:- Working with Forms, Adding multiple forms in VB.

Lab 1: Program of adding controls in toolbox.

WEEK 15, DAY 2, DATE :10/04/2018(TUESDAY)

Sub:- Hiding & showing Forms in VB.

Lab 1: Program of adding ^{Active-X} controls in VB.

<p>WEEK 15, DAY 3, DATE :11/04/2018(WEDNESDAY)</p> <p>Sub:- Loading & unloading statements.</p> <p>Lab1: Program to change the color of form.</p>
<p>WEEK 15, DAY 4, DATE :12/04/2018(THURSDAY)</p> <p>Sub:- Activate & deactivate in VB.</p> <p>Lab2: Program to add active-x controls.</p>
<p>WEEK 15, DAY 5, DATE :13/04/2018(FRIDAY)</p> <p>Sub:- Form- Load Event in VB.</p> <p>Lab2: Program to change the color of a form.</p>
<p>WEEK 15, DAY 6, DATE :14/04/2018(SATURDAY)</p> <p>Holiday on account of Vaisakhi & Dr B.R. Ambedkar's Jayanti.</p>
<p>WEEK 16</p>
<p>ASSIGNMENT:</p>
<p>WEEK 16, DAY 1, DATE :16/04/2018(MONDAY)</p> <p>Sub:- Menu-designing in VB.</p> <p>Lab1:- Program to make processing toolbar in VB.</p>
<p>WEEK 16, DAY 2, DATE :17/04/2018(TUESDAY)</p> <p>Sub:- Drawing Many options with menu designing.</p> <p>Lab1: Program to make scroll-bar in VB.</p>
<p>WEEK 16, DAY 3, DATE :18/04/2018(WEDNESDAY)</p>

Holiday on account of Maharshi Pasuram Jayanti

WEEK 16, DAY 4, DATE : 19/04/2018 (THURSDAY)

Sub:- Database programming using DAO.

LAB2: Connectivity with Database by using
DAO - Control.

WEEK 16, DAY 5, DATE : 20/04/2018 (FRIDAY)

Sub:- Data-base programming by using ADO.

Lab2: Connectivity with Database by
using ADO - Control.

WEEK 16, DAY 6, DATE : 21/04/2018 (SATURDAY)

Sub:- Simple active-x controls in VB.

Lab2: Revision.

WEEK 17

ASSIGNMENT:

WEEK 17, DAY 1, DATE : 23/04/2018 (MONDAY)

Sub:- Test on Database - Connectivity.

Lab1:- Connectivity with Database by
using DAO - Control.

WEEK 17, DAY 2, DATE : 24/04/2018 (TUESDAY)

Sub:- Revision

Lab1:- Connectivity with Database by using
ADO - Control.

WEEK 17, DAY 3, DATE : 25/04/2018 (WEDNESDAY)

Sub:- Revision

Lab1: Revision.

Prashant
21/2/17

WEEK 17, DAY 4, DATE :26/04/2018(THURSDAY)

Sub:- Revision

Lab2: Program Revision.

WEEK 17, DAY 5, DATE :27/04/2018(FRIDAY)

Sub:- Revision

Lab2: Program Revision.

WEEK 17, DAY 6, DATE :28/04/2018(SATURDAY)

Sub:- Revision

Lab2: Program Revision.

WEEK 18

ASSIGNMENT:

WEEK 18, DAY 1, DATE :30/04/2018(MONDAY)

Sub:- Revision.

Lab2: Program Revision.

WEEK 17, DAY 4, DATE :26/04/2018(THURSDAY)

Sub:- Revision

Lab2: Program Revision.

WEEK 17, DAY 5, DATE :27/04/2018(FRIDAY)

Sub:- Revision

Lab2: Program Revision.

WEEK 17, DAY 6, DATE :28/04/2018(SATURDAY)

Sub:- Revision

Lab2: Program Revision.

WEEK 18

ASSIGNMENT:

WEEK 18, DAY 1, DATE :30/04/2018(MONDAY)

Sub:- Revision.

Lab2: Program Revision.

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