

Evolution of web development.

WEEK 2

ASSIGNMENT: Architecture of .Net Platform.

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

Introduction to .net Architecture

Lab:- Defining Platform Independency.

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

Introduction to namespaces & type distinction

Lab:- Explaining basic and compilation feature

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

Types in .Net

Lab:- Defining Program Structure

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

Objects in .Net

Lab:- Illustration

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

Discussion on framework of .Net

Lab:- Illustration

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

Discussion on .Net Architecture

Lab:- Illustration

Saraswati Mahila Mahavidyalaya, Palwal

Lesson Plan :

Name of the Assistant/Associate Professor: SHWETA JAIN

Class and Section: B.C.A Final (VIth sem)

Name of subject: .Net (T+L)

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: Framework of .Net
WEEK 1, DAY 1, DATE :01/01/2018(MONDAY)
Building Blocks of .Net Platform, features of .Net
Lab:- Explaining different types of forms, frames
WEEK 1, DAY 2, DATE :02/01/2018(TUESDAY)
Deploying the .Net Runtime, Architecture of .Net platform
Lab:- How to distribute content place holder
WEEK 1, DAY 3, DATE :03/01/2018(WEDNESDAY)
Introduction to namespaces & type distinction
Lab:- How to use namespaces
WEEK 1, DAY 4, DATE :04/01/2018(THURSDAY)
Types & objects in .Net
Lab:- Explaining basic and compilation feature
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)

WEEK 3
ASSIGNMENT: Evolution of Web development
WEEK 3, DAY 1, DATE :15/01/2018(MONDAY)
Discussion on Web development Lab:- How to design/ ^{create} web pages
WEEK 3, DAY 2, DATE :16/01/2018(TUESDAY)
Revision on all topics Lab:- Explanation with example
WEEK 3, DAY 3, DATE :17/01/2018(WEDNESDAY)
Test Lab:- Test
WEEK 3, DAY 4, DATE :18/01/2018(THURSDAY)
Introduction to class libraries Lab:- Explanation of class libraries
WEEK 3, DAY 5, DATE :19/01/2018(FRIDAY)
class libraries in .net Lab:- class libraries
WEEK 3, DAY 6, DATE :20/01/2018(SATURDAY)
Introduction to Assemblies & Manifest in .Net Lab:- Explanation how to use .Net framework
WEEK 4
ASSIGNMENT: Definition of C# and its attributes
WEEK 3, DAY 1, DATE :22/01/2018(MONDAY)

Holiday on account of Basant Panchmi.

WEEK 4, DAY 2, DATE :23/01/2018(TUESDAY)

Introduction to metadata and
its attributes
Lab:- Designing of metadata

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)

Introduction to C#
Lab:- Basics of C#

WEEK 4, DAY 5, DATE :26/01/2018(FRIDAY)

Holiday on account of Republic Day.

WEEK 4, DAY 6, DATE :27/01/2018(SATURDAY)

characteristics of C#
Lab:- Basics of C#

WEEK 5

ASSIGNMENT: Data types used in C#

WEEK 5, DAY 1, DATE :29/01/2018(MONDAY)

Data types used in C#
Lab:- Define/Initialize different type of data types

WEEK 5, DAY 2, DATE :30/01/2018(TUESDAY)

value types & Reference type in C#
Lab:- Define /use of reference type

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)

Discussion on data types.

Different type of overloading

Lab: Implementation

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

Overloading of operators

Lab: Implementation

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

Functions

Lab: Function definition & calling

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

Discussion on operator overloading

Lab: Illustration

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

Test

Lab: Test

WEEK 12

ASSIGNMENT: Inheritance

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

Introduction to Inheritance

Lab: Writing code to implement Inheritance

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

Types of Inheritance

Lab: Writing code to use diff type of Inheritance

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

Polymorphism , Types of Polymorphism

Lab! Polymorphism Implementation/Explanation

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

Visibility control

Lab! Implementation

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

Holiday on account of Shahidi diwas.

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

Overriding

Lab! Implementation

WEEK 13

ASSIGNMENT: Abstract class & methods

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

Introduction to Abstract class and its uses

Lab! Implementation of Abstract class

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

Methods

Lab! Method calling / Visibility

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

Sealed classes

Lab: Implementation

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

Holiday on account of Mahavir jayanti.

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

Methods

Lab: Implementation

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

Interfaces

Lab: Implementation of Interfaces

WEEK 14

ASSIGNMENT: Advanced Features of C#

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

Introduction to C#

Lab: Implementation of C#

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

Features of C#

Lab: Illustration

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

Exception handling & Error handling

Lab: Implementation

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

Automatic memory mgt.

Lab: Implementation of memory mgt. Functions

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

Discussion on C++

Lab: Illustration

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

Test

Lab: Test

WEEK 15

ASSIGNMENT: Automatic Memory mgt

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

Introduction to Automatic memory mgt.

Lab: Implementation

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

Input and output Functions

Lab: Implementation of file system

WEEK 15, DAY 3, DATE :11/04/2018(WEDNESDAY)

Directories

Lab: Implementation & use

WEEK 15, DAY 4, DATE :12/04/2018(THURSDAY)

Files & streams

Lab: Functions on files

WEEK 15, DAY 5, DATE :13/04/2018(FRIDAY)

Test

Lab: Test

WEEK 15, DAY 6, DATE :14/04/2018(SATURDAY)

Holiday on account of Vaisakhi & Dr B.R. Ambedkar's Jayanti.

WEEK 16

ASSIGNMENT: Question on Previous Syllabus

WEEK 16, DAY 1, DATE :16/04/2018(MONDAY)

class doubts

Lab: Revision

WEEK 16, DAY 2, DATE :17/04/2018(TUESDAY)

class presentation

Lab: Illustration

WEEK 16, DAY 3, DATE :18/04/2018(WEDNESDAY)

Holiday on account of Maharshi Pasuram Jayanti

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

Lab: Revision

class doubts

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

Lab: Revision

class discussion on previous year Question Papers

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

Lab: Revision

Revision

WEEK 17

ASSIGNMENT:

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

Lab: Revision

Oral Test

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

class discussion to solve previous Question Papers

Lab: Revision

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

Lab: Revision

Revision

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

Revision
Lab: Revision

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

Revision
Lab: Revision

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

Revision
Lab: Revision

WEEK 18

ASSIGNMENT:

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

Revision
Lab: Revision

Sheeta Jais

Lab! Test

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

uses of default value in c#

Las:- Implementation of default values

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

Constants

Las:- use of Constants

WEEK 6

ASSIGNMENT:

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

Variables

Las:- use of variables

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

scope of variables

Las:- use of variable.

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

Lab! uses of all data types

Defining all data types

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

Introduction to boxing

Las:- Defining methods and class structure

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

Introduction to Unboxing
Lab:- use of methods and variables

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

Holiday on account of Maharshi Dayanand Saraswati Jayanti.

WEEK 7

ASSIGNMENT:

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

Use of boxing & unboxing
Lab:- Illustration

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

Holiday on account of Maha Shivaratri.

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

Class doubts
Lab:- Illustration

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

Revision of all previous Topics
Lab:- Illustration

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

Revision of Topics
Lab:- Illustration

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

<p style="text-align: center;">Test</p> <p>Lab:- Test</p>
WEEK 8
ASSIGNMENT: <u>Operators And Expressions</u>
WEEK 8, DAY 1, DATE :19/02/2018(MONDAY)
<p style="text-align: center;">Arithmetic operators</p> <p>Lab:- Implementation</p>
WEEK 8, DAY 2, DATE :20/02/2018(TUESDAY)
<p style="text-align: center;">Relational operators</p> <p>Lab:- Implementation</p>
WEEK 8, DAY 3, DATE :21/02/2018(WEDNESDAY)
<p style="text-align: center;">Logical & bitwise operators</p> <p>Lab:- Implementation</p>
WEEK 8, DAY 4, DATE :22/02/2018(THURSDAY)
<p style="text-align: center;">Special operators</p> <p>Lab:- Implementation</p>
WEEK 8, DAY 5, DATE :23/02/2018(FRIDAY)
<p style="text-align: center;">Revision of all operators</p> <p>Lab:- Illustration</p>
WEEK 8, DAY 6, DATE :24/02/2018(SATURDAY)
<p>Lab:- Test Test</p>

WEEK 9
ASSIGNMENT: <i>Evaluation of Expressions</i>
WEEK 9, DAY 1, DATE :26/02/2018(MONDAY)
<i>operator precedence & associativity</i> Lab:- <i>Implementation</i>
WEEK 9, DAY 2, DATE :27/02/2018(TUESDAY)
<i>Control constructs in C#</i> Lab:- <i>Implementation</i>
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: <i>Constructors And its types</i>
WEEK 10, DAY 1, DATE :05/03/2018(MONDAY)
<i>Revision of previous topics</i> Lab: <i>Illustration</i>

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

Decision making, loops

Lab: Implementation

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

Class, methods

Lab: Implementation

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

Constructors Introduction

Lab: Defining & calling of constructor

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

Types of Constructors

Lab: Defining how to use diff types of constructors

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

Destructors

Lab: Defining code to implement Destructor

WEEK 11

ASSIGNMENT: Operator overloading

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

Introduction to overloading

Lab: Implementation code

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