

Roll No - 08
T.Y.B.Sc. IT

Subject :- Advanced Web Programming
Paper I :- Supervisor Sign:- Vng. L
Date :- 23/03/23

"Without Discipline (Boundaries) you are getting nowhere."
"Emotional Regulation activities are indeed, important"

Q1 Any three :-

Q6). What are the advantages of using .NET for software development?

Answer:

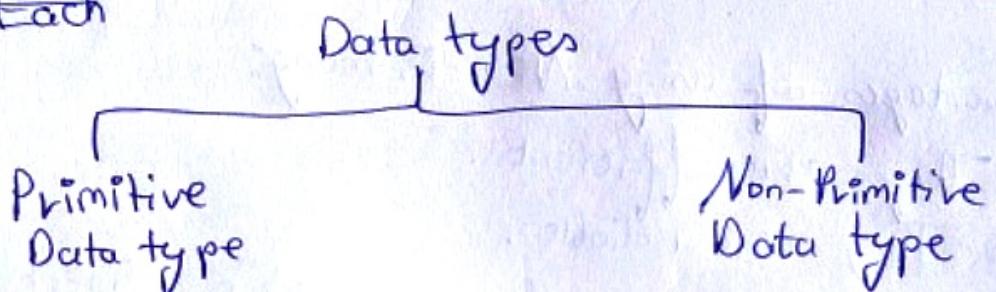
- [•] Advantages of using .NET is many.
- [+] They are efficient.
- [+] They are reliable.
- [+] They are specially made as a object oriented programming.
- [o] Which makes programming modular.
- [o] Which makes programming fast.
- [o] Which makes programming efficient, and easy.
- [o] Which helps not reinventing the whole wheel again and again.
- [+] Thus, they are standardised form of software development language, nowadays.
- [•] Thus, these were some of the advantages of using .NET for software development.

c) What are the different data types and variables used in C#?

Answer:-

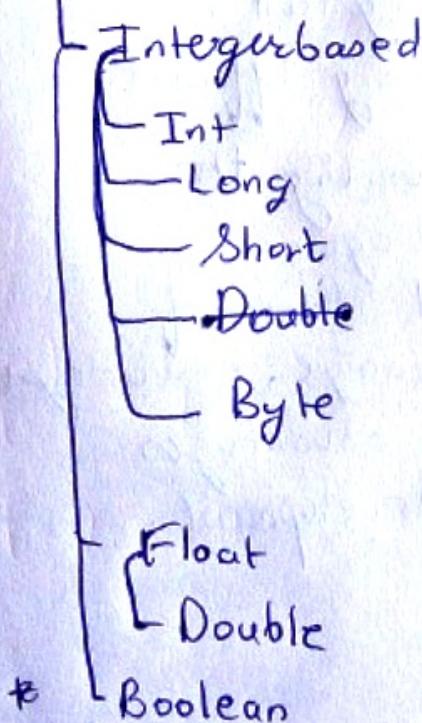
- [•] There are two important category of data-types, they are :-
 - [+] Primitive Data types.
 - [+] Non- Primitive Data types

[•] Each

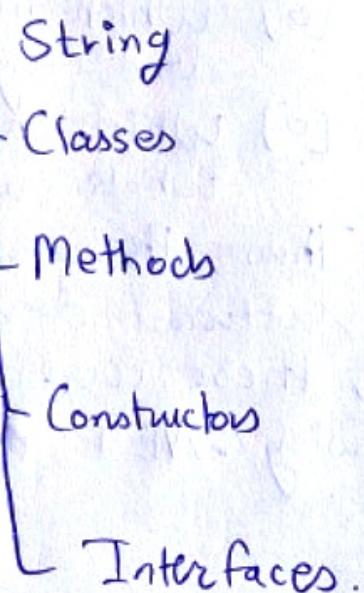


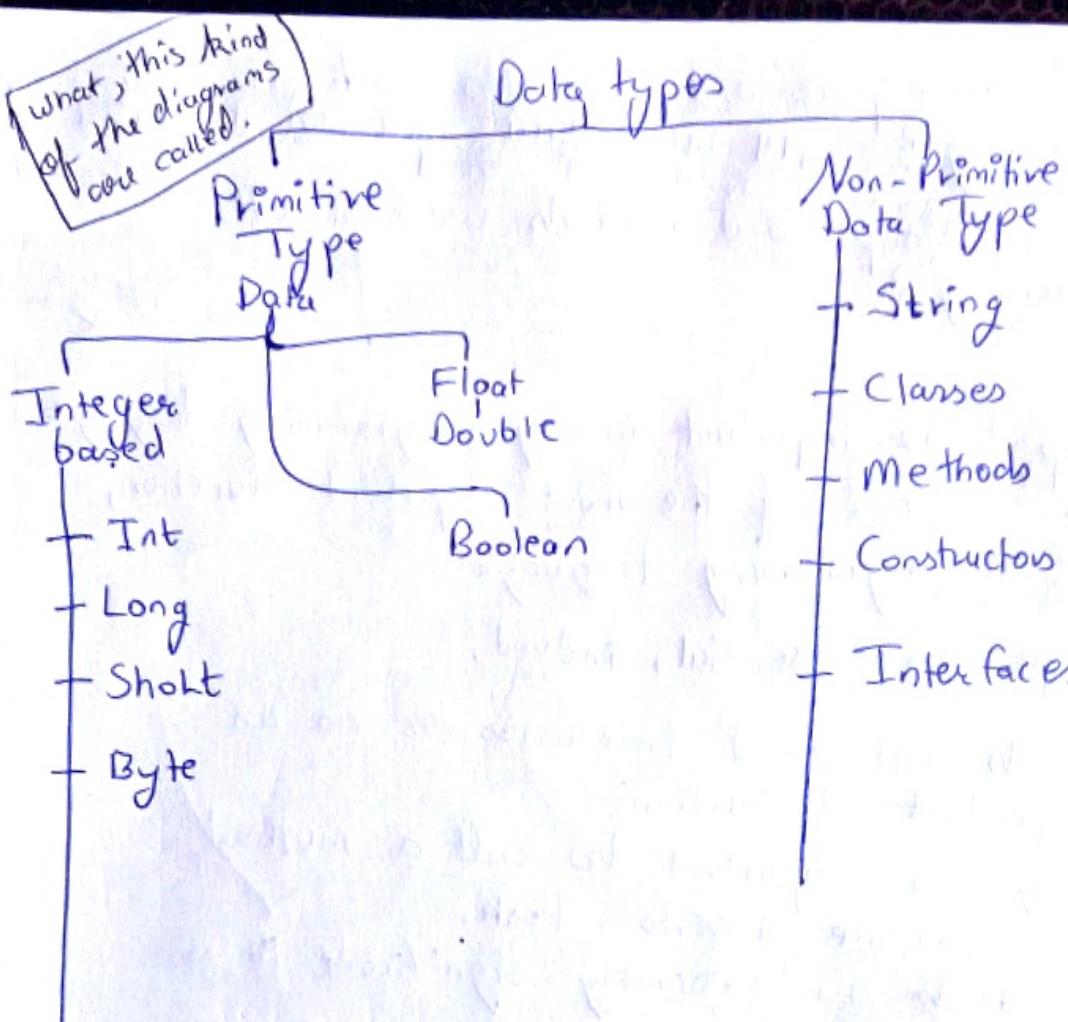
[•] Each Data type is further divided into.

[+] Primitive data type



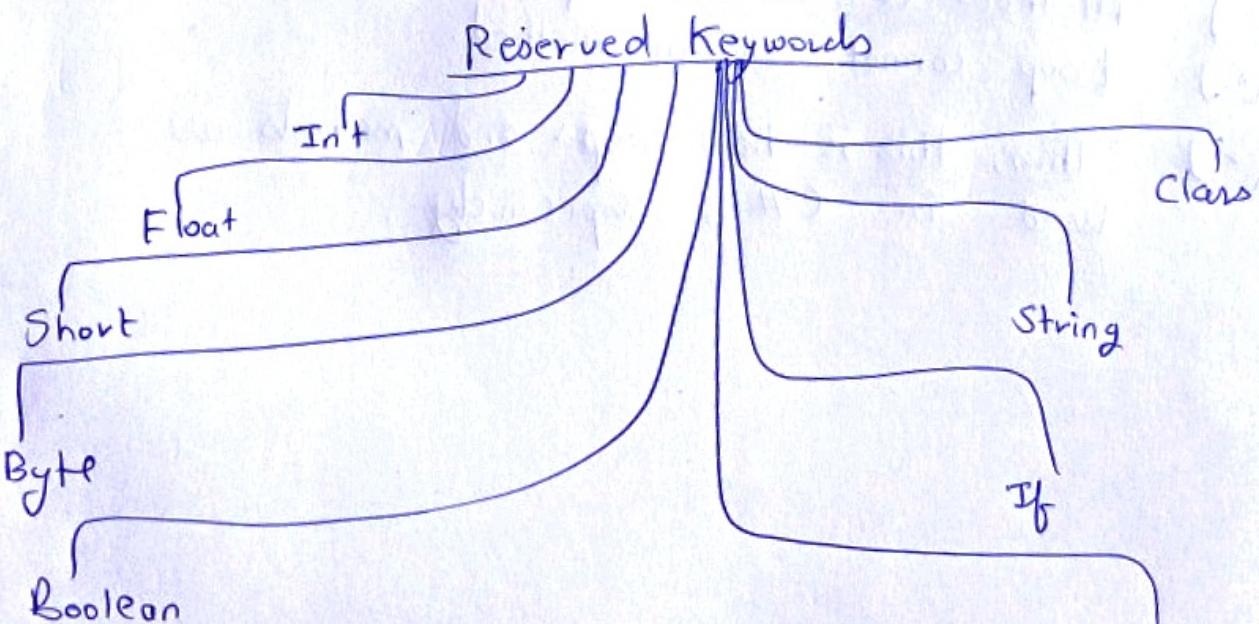
[+] Non- Primitive Data type.





[+] Variables - are those keywords in a language, for Ex :- in C#, which have a certain keywords, reserved and which cannot be used by any other variables, respectively.

[+] For example. Some keywords are :-



[+] Thus, there are many more keywords.

Qd] How do namespaces and assemblies work in C# programming?

Ans: It's like a library where code is stored and can be used.

Qd] How are loops and methods used in C# programming?

Emotional Regulation
Emotional Fluctuation
Emotional things
Experimental

Formatting
not good

Answer:-

- [•] Loops are important in any programming language.
- [•] It is one of the most important functions of a programming language.
- [•] Loops are essential, indeed.
- [•] Methods are used in classes or as an independent declaration.
- [•] They are important to call a method and execute a certain task.
- [•] Methods are extremely significant in a language.
- [•] Methods have their own place in a programming language.
- [•] Loops are coded.
- [•] Methods are called, to run it.
- [•] Methods can contain Loop.
- [•] Loop cannot contain Method.
- [•] Thus, this is how loops and methods are used in C#, respectively.

A] What is inheritance in C# programming?

Answer:- Paradigm means

[•] Inheritance one of the most important paradigm of an ~~DB~~ (OOP) object-oriented - programming language.

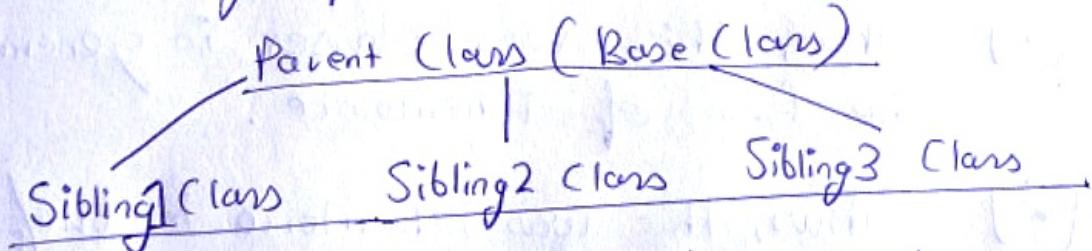
[•] There are used to inherit from a classes, its properties and methods.

[•] The class which inherits from a class, are known as.

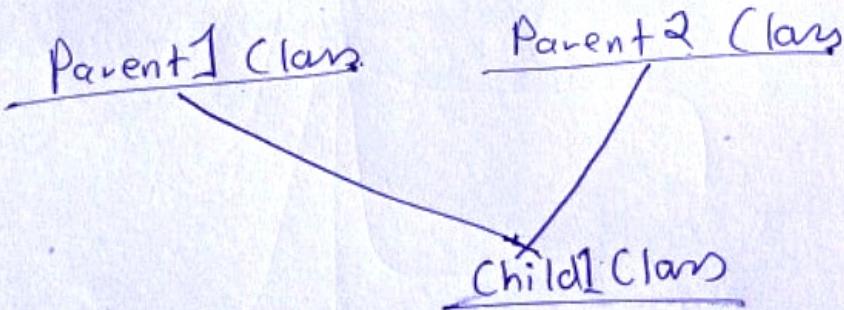
Parent Class (Base Class)

Child Class (Derived Class)

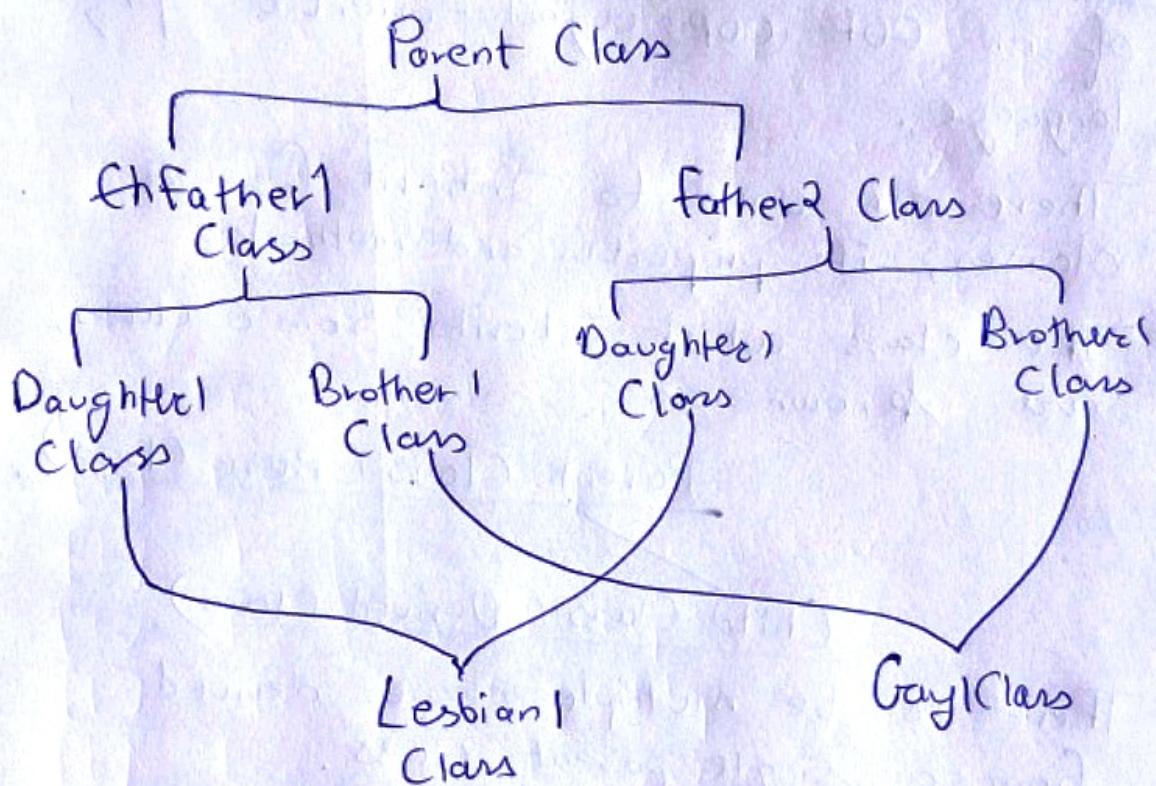
[•] There can be multiple classes derived from a single parent class.



[•] There can be hybrid class, two parent class from which one class was derived.



[•] There can be multiple inheritance classes, like a pedigree chart of a family generations of a Homo Homo Sapiens.



[•] Thus, this was classes in general in the form of inheritance.

[•] Thus, this was inheritance in brief, respectively.

(Q2)

a) What is code behind class and how it is used in web development?

Answer :-

- [•] Abstraction of the code behind classes is known as code-behind class.
- [•] It is used to hide the jargon, and the implementation of the code from the user.
- [•] Abstraction is one of the most significant, and important paradigm of any (OOP) object-oriented - programming.
- [•] They encourage clean coding.
- [•] Abstraction holds a significant place.
- [•] They hold a significant place in programming -
- [•] They are important because they hide implementation details which prompt clean coding.
- [•] Abstraction also if configured as wanted ensure security, too.
- [•] Thus, these are some of the significance of Abstraction i.e code - behind class, respectively, in context of web - development.

Q2] What are Server Controls and how are they used in web - development ?

Answer:-

- [.] Server controls are certain piece of codes, which is requested from the browser to initiate the server into performing certain set of tasks , respectively.
- [.] They are used in web - development ,
 - [+] To request a page .
 - [+] For cloud computing .
 - [+] For ~~etoo~~ cloud calculations .
 - [+] For cloud backups .
 - [+] For remote desktop Applications .
 - [+] For cloud management .
 - [+] To run a particular script on the server .
 - [+] To encode and decode something from the server .
- [.] Thus , this is what is meant by Server Controls in web - development , respectively .

Qd] What are web-control events and how they are used in web-development?

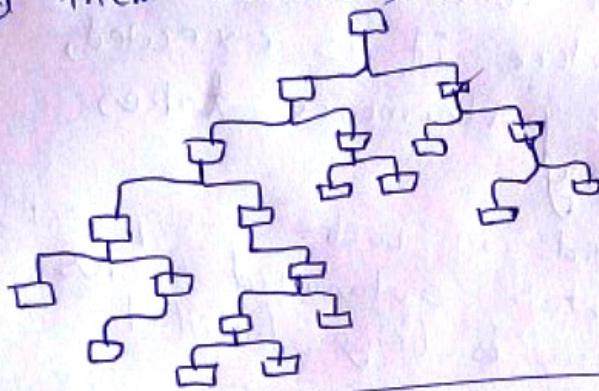
Answer:-

- [•] Web-control events are certain triggers, when a particular function ~~is executed~~, condition takes place it is executed, and a function performance takes place, respectively.
- [•] They are used in web-development, to execute certain automated tasks, when a condition is being fulfilled.
- [•] Web-control events are important, because, they help make the page more dynamic, and better at performing some functions or tasks, respectively.
- [•] Thus, web-control events hold a significant place in web-development, respectively, as being mentioned above.

Q6] What is the TreeView control and how it is used in web-development?

Answer:-

- [•] Treeview function is to view the pages and their function, in a map like structure.



A diagrammatic visual of Tree view.

- [•] Treeview is a point of view, which is very useful to view a particular part of website in a list, and see how everything is being implemented, respectively.

[•] Thus, this is the significance of Tree-View control, respectively.