***03-23-2013***

***What is Scripting language?***

**Scripting language** : A scripting language is an interpreter language. Someone write down the code inside. It‘s run only browser. There are many kinds of scripting language:-

(I)VB script

(II)Java script

***What is programming language?***

**Programming Language:** A programming language is computer language. That helps the ‘

computer understand to write and do other things using the compiler (0 & 1). There are many kinds of programing language. Some are:-

(1) JAVA

(2) C++

(3) C# (surp)

(4) Python

(5) RUBY

***What is java?***

Java is an Object Oriented Programming Language. To be an object oriented language and compiling platform.

***Why we need Java?***

There are lots of applications and web side that won’t works unless you have java installed and more are created everyday. Java is fast, secure and reliable. Form laptops datacenters, game consoles to scientific super computers, cell phones to be internet java is everywhere.

***Java criteria***

There are three criteria:-

1. Encapsulation
2. Inheritance
3. Polymorphism

What is Encapsulation?

Encapsulation is nothing but giving boundary or scope of the work. There are three kinds of Encapsulation:-

1. Private
2. Public
3. Protected

***What is inheritance?***

It is mechanism, where a new class is drive from on existing class. And the extends is the keyword inheritance. Inheritance also has super or parents and childe or sub class.

***What is java extension?***

.java

***What is class extension?***

.class

***Why we use language?***

To automated our program in computer.

***What is different name of code?***

It called SYNTEX.

***What is compiler?***

Compiler is media between programming language and computer.

***Download java***

Go to google

|

Write down jdkdownload

|

Java se download (click)

|

Jdk7 (click)

|

Accept (select)

|

Select windows bid

|

Download

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Click eclipse download

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Download

Class is blue print of an object.

Object is an instance of class.

**03-24-2013**

***What is JDK?***

Java Development Key. To do java development.

***What is JRE?***

Java Runtime Environment. It helps to run JDK.

***What is IDE?***

Interactive Development Environment. It is software. Where we gone to write down on our code. There are so many IDE:-

1. Eclipse
2. Net been
3. IntelliJ

Naming Convention in Java

***Project Declare:-***

1. Camel casing word
2. Staring with upper case

Ex: RofiqulIslam

***Package Declare:-***

a) Camel casing word

b) Every single case lower case

Ex: com.company.depertment

***Class Declare:-***

a) Camel casing word

b) Staring with upper case

Ex: RupkothasFirstClass

***Variable\Methods\Function:-***

a) Camel casing word

b) Staring with lower case

c) 2nd letter should be big letter.

Ex: myFirstClass

***What is Primitive Data Types?***

A primitive type is predefined by the language and is named by a reserved keyword. Primitive values do not share state with other primitive values. The eight primitive data types supported by the Java programming language are:

|  |  |  |  |
| --- | --- | --- | --- |
| ***S.L.*** | ***Data Types*** | ***Bit*** | ***Default Value (for fields)*** |
| ***1.*** | Byte | 8 | 0 |
| ***2.*** | Short | 16 | 0 |
| ***3.*** | Int | 32 | 0 |
| ***4.*** | Long | 64 | 0L |
| ***5.*** | Float | 32 | 0.0f |
| ***6.*** | Double | 64 | 0.0d |
| ***7.*** | Char. | 16 | ‘\u0000’ |
| ***8.*** | boolean | True\False | false |
|  |  |  |  |

***How to write down main function code\syntex?***

Open eclipse

|

File

|

project

|

Java project

|

Project name

|

Finish

|

project(right click)

new

|

Package

|

Package name

|

Done

|

Package (right click)

|

New

|

Class

|

Class name

|

Finish

|

Code {

Public static void main(String[]args){

Systm.out.println(Name);