21/01/2022

Saturday, January 22, 2022

7:35 PM

**21-01-2022 Day 2**

**Overview of Java:-**

**1991**

**Project**

**1995 it comes to Market . Product oak JAVA 1.0**

**1996 1.1**

**1997 1.2**

**1998 1.3**

**2000 1.4**

**2004 1.5**

**2011 1.7**

**2014 JAVA 1.8**

**JAVA 1.9**

**1.10**

**2017 -- JAVA 11**

**2021 JAVA 17**

**Features of Java:-**

1. **Platform Independent**

Machine generated alternative text:



1. **Robust**
2. **Secure**
3. **Simple**
4. **Object Oriented Language**
5. **Class**
6. **Object**
7. **Inheritance**
8. **Polymorphism**
9. **Encapsulation**
10. **Abstraction**

1. **Portable**
2. **Multithreaded**

**Java Software Setup:-**

1. **JDK 1.8 Version**

**Java Development Kit**

**JRE -- Java Runtime Environment**

**JVM --- Java Virtual Machine**

• compiled class; 
JVM 
IRE 
Java Development Kit(JDK) 
Debugger and 
Tools 

Laptop 
1. Microphone 
2. Camera 
3. 
Processor 
4. 
Display Screen 
5. Keyboard 
6. 
Mouse 
7. Drive Slot 
Mac Book 
8. Charging Slot. 
Dell 
Lenova 

Class:- Class is a Blueprint which has certain properties variables and methods.

We create objects to access these properties.

Ex:- Laptop is a class HP Laptop, Acer , Macbook, Dell Laptop

Object:- Object is an instance of a class. It is a realtime entity. Which is used to access the properties of a class.

Ex:- Human is a class, Satti Babu, Satya, Ravi, Suresh, Maduri, Venkat

Machine generated alternative text:
class HelloWor1d{ 
public static void main(String args[]){ 
System.out.print1n("Happy Weekend"); 

**class is keyword:- Which represents a class.**

**Method:-**

**Compile A Program:- Javac classname.java**

**Run a Program:- java classname**

Microsoft Windows [Version 1m e. 18363.1977) 
(c) 2819 Microsoft Corporation. All rights reserved. 
C: Hellol•brld. java 
C: Hellol•brld. java 
C: æ110Wor1d 
Happy Weekend 
C: æ110Wor1d 
Happy Weekend 
You are screen sharing 