Java Interview Question:

**1.Q.** what is java ?

Ans :

Java is high level ,object oriented ,platform independent programming language. Developed by james gosline in 1991.

**2.Q.** What is High level programming language?

Ans.

High level programming hide the complexity of native language which is only understand by computer and provide easy read syntax to develop code .

**3.Q.** what is Object Oriented?

Ans .

Object oriented is based on Object’s . Object contain data and method .

By using Object oriented approach we can easly define real world enity.

Example : camera

|  |
| --- |
| Properties : 64MP,Brand |
| Method : takephoto ,record video,etc |

**4.Q.** what is platform independent?

**Ans:**

Java compile source code into byte code which run by JRE.

Java provide wild range of JRE for deferenet operation system like linux ,mac etc.

So you can easly run code developed in window on linux os.

**5.Q. JAVA vs C++**

**Ans :**

|  |  |  |
| --- | --- | --- |
| **Topic** | **Java** | **C++** |
| Plat Form | Independet | C++ compile code into bit code  Or  We can say that on window if we compile source code it generate  .exe file which not run on linux. |
| GOTO | Java does not support goto | C++ support goto |
| Application type | Gernal application | System specific |
| Pointer | Does not support explicity pointer | Pointer user in C++  To access variable using memory location. |
| Multiple inheritance | Not supported | supported |

**6.Q:** Why java does not use goto?

Ans :

It make difficult to trace flow of program, making the program hard to understand and hard to modify. Any program that use **goto** can easly rewritten without using goto.

Example :

**7.Q:** What is pointer and why is not use in java?

Ans :

Pointer :

Pointer is variable that store address of another variable. By using pointer you can access that variable and manipulate value of that variable.

Why not in java :

1.Pointer are complex to use.

2. A mistake in the pointer computation can result in it pointing somewhere it shouldn’t and the whole system can crash as a result.

**8.Q: Feature of Java >**

**Ans .**

**1.**Object oriented

2. Platform independent

3.Robost

4. **Secured**

**5.** **Multithreaded**

**9.Q How java is Robust ?**

Ans.

* It has strong memory management.
* There is automatic garbage collection in java which run on jvm to get rid of object which are not more used by java application.
* Exception handling and type checking also make java robust.

**10.Q how java is secured ?**

**Ans :**

**11.Q What is multi threading?**

**12.Q Garbage collection**