feature of java

* **high level programming language**
* **simple**
* **object orient**
* **secure**
* **plartform independent**
* **portable**
* **Architecture Nutral**
* **Robust**
* **High Performance**
* **Interpreter**
* **Distributer**
* **Dynomic**
* **multi threading**
* **high level programming language**

**It's can be using for human understand**

* **simple**

**It's can easly to under stand**

**based on the c++ syntax**

**no need to the Unreference object because automatically garpage collection we using**

* **object orient**

**oops concept using to object**

**error finding**

**software developing and maintenance we using object oriented programming system**

* **secure**

**because code using to the jvm**

**no hack and no virus issue**

**no explicity pointer**

* **plartform independent**

**code we can using for multiple software**

**like.. windows ,os,linux.**

**we are two type**

**software based**

**hardware based**

* **portable**

**any implementation we can run multiple plartform**

**ex:**

**java code we can carry byte code in any plartform**

* **Architecture Nutral**

**memory occupication we can using**

**c programming memory**

**2 byte memory for 32 bit**

**4 byte memory for 64bit**

**java programming all should be 32 bit and 64 bit both same 4 byte**

* **High Performance**

**jvm we using for jit compiler to convert to the byte code to machine code**

* **multi threading**

**multiple task perform at same time**

**ex: pubg game:run ,walk,jump**

* **Robust**

**strong memory management**

**we can create a object**

**its create a automatically garpage collections variable its allocate to the memory**

* **Interpreter**

**line by line execution**

**jvm used to intepreter at the run time**

* **Distributer**

**it is used to file by calling methods**

**from any machine on the internet**

**RMI >Remote Method Invegection**

**EJB> Enterprice java Beach**

* **Dynomic**

**java is a dynomic language**

**same class and same method load in access**