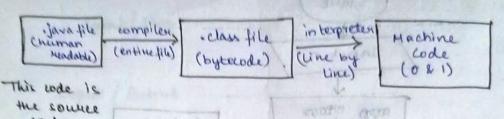
code.



this code will not directly mun on a system

we need JVM to mun this

Reason why Java is platform independent.

-> because the system only knows machine code.

The is an interpreter that compiles the code line by line.

because java so compiler firstly converts the source code to byte code. This byte code is converted to machine code by a software called JVM (Java Visitual Machine), which recognizes the platform it is on and converts the byte code to "native" machine code.

More on Platform Independence

- Platform independence to means that the byterode can
- After compiling the clert code in any platform we get executed in that platform. This makes these languages platform dependent.
- In Java, after compiling we get bytecode which can be converted to machine code by JVM on any
- There are different JVM for different platform. This makes JVM platform dependent. But, it does the same work on every platform. That means, it can convert the same bytecode on every platform and convert to the native machine code.

