Jvm jre jdk

Variables

Classpath vs path

Hello.java

Compile time and runtime

Javac Hello.java 🡺 .java 🡺 .class (byte code) 🡺 compiler 🡺 compile time exception

Java Hello 🡺 runtime 🡺 runtime exception

Jvm is platform dependent

Java platform independent

Javac Hello.java 🡺.class

Diagram

Description automatically generated

Variables:

Static variables 🡺 class level variable 🡺 outside the method and inside the class

Instance variables 🡺 inside the method main

Local variable 🡺 inside the method body

Class A{

public static int I = 10;

}

Class B{

A.I;

}

Public static void main(String args[]){

}