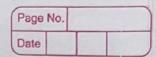
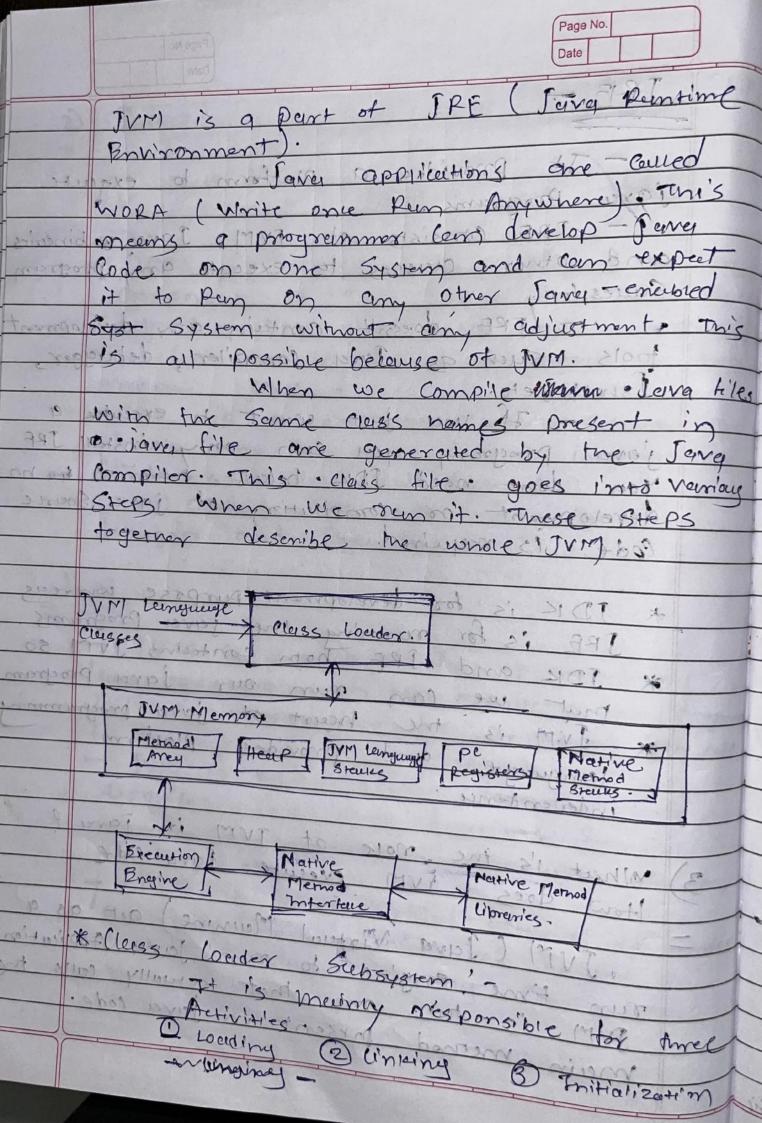
Page No. Date 2) Difference between JDK, JVM and JRE Applete developed by sister ID

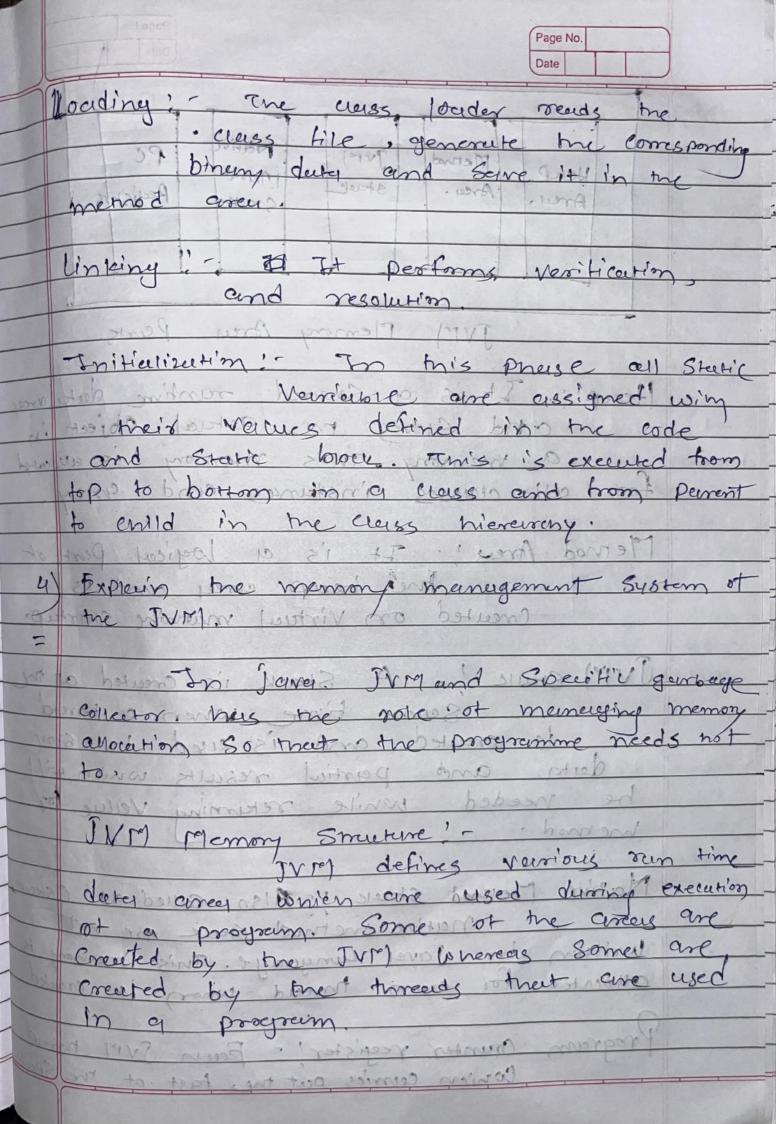
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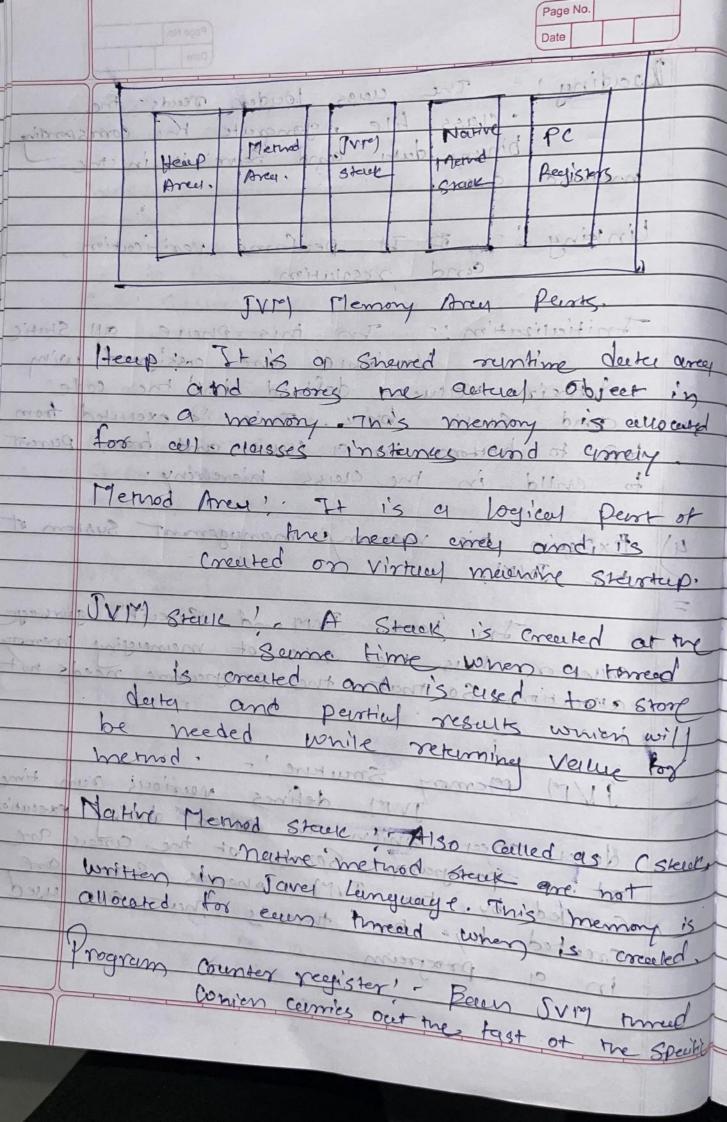
Some ist supplement to which a some control of the One is IRF LTONE PRINTING Some JOK ( June development kit) is the come Component of James Brivinonement and provide Mi all the tools sexe cuterbies and binemies required to compile, debug and execute a jang program, Takni JBK is a Plattorm Specific Software and that's way we have Separate installers for Windows , Men and Unix Bystem. 790 - It contains SRE with Jeve compiler, debugger and Core (lasses. ( ) Java c - It is a compiler. It converts Code into Pares baterade - MM appletriewer - Through this component - JVM is a hearst of Javes progressmines language. Her wien we execute a server prapage JVM is responsible for converting bute coll to the maunine Specific code! - 5VM is also plattoom dependent and provides Core javes Aunations Such as memony memagement, garbuge Collections Security 14 etcoso 10 21 45 - 9 ovoi 8 JUMP is couled Virtual because it provides an interface truet does not depend on the Underlying Operating system and marine hardware. (i) Vigually (i)



JRB ( ) 397 to tring p si MVT (transport). - It provides or platform to execute Javer Programs de ma Horis Agon 1- JPE consists of JVM Jave to binemies and others classes to execute any progrem Successfathy voto no no may of the - JRE doesn't contain any development tools suen as Juve compiler debugger Janely letoligmo) sai and w - The you just want to execute a J'aver program you can only install JRF your don't need JDK beceuse here is man no development for compilation of janei Source lode VIIs majured. shines myspot \* JDK is too development purpose whereas JRB is for running the Jewer programs \* JDK and JRF both conteens Jvry 36 that we can run our Java program \* JVM is the heart of javer programming language and provides plantim independence Mheet is the role of JVM in Jara ? How does 5 vr execute saver code Engine 1 motor tell JUP ( Java Virtual Maunine) act as q run time engine to run Javes Application IVM sis other one that actually calls the mein mernod present in Javer lode.







method has a program counter register associated wim it. = 1 VM committeetune contribus cuissipoider of wheat ever the JIT & compiler and its rove in the SVM ? What is the bytecode and is Wmy it is impostent for Sciver I so integral perot of SVM. It auclerates execution performance many time over the previous level out ords it is a long running computer intensive program ment provides the best performence environment. Bytecode is one of the most important features of the that aids in mossi- platform execution the way of converting bytecode to native mainine language for execution has a huge impact on its speed of it. These byte code have to be interpreted or compiled to proper mounty instructions a depending on the instructions set architecters In prove to perform in prove performance, JIJ compilers interest wing Jave Virtual Mainter (IVM) at run time and compile suitably bytecode sequences into nutive mainine code. (5) Atrento " - Para Steele Grove hounes. holds local ventables and pential relati (E) Progress Counter Pecfictor, Progresson resistant Contesions has add 19th trae Journey Virreged Voncential insme

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