	T-18 Spor
	Name: - Ankit kallasta o pawar. Spos
	Roll No: - 200535. (Div-5) Page
endtos o	others and Assignment No:+ 02 sole to 4
asil+	than being complied into main program. Es
	title: - Create the dynamic library for mathematical
	operation and wester on application to test native
	Interpresentate allow southerest mad stone
	o Del. file its uses of a rediting or downwent
	Objectives: - To study Dynamic Link Library
odt of	about on to Leasn gave native Interpace
	notes the decument the week cuplication
	Deoblem Etatement: Weite & program to create the
	dynamic Link Library for any mathematical operato
Trites tage	and weite on application program to teet it.
	(INI) is a programming framework that
	Outcomes: O Undecetand how to Geede DIL,
	@ pestosm mathematical operato and teet it.
	3 Use of appropriate header for INI impleoto.
	as, c, c+, and ossembly, Jus enables po
	softwee Requirement : without stisse at so
	) operating system: ubunt or fedora!
	2) IDK/JRE, JVM. ordit basharts soft
	3) Eclipse.
of the	- depend on THE to Provide the functional
	Hardwere Requirement: - 0 64 bit machine
corto	ilde prof to off colle 4 GB of 8 GB RAM.
ost bo	o alos o ni philonoiton & 500 GB or JTB HPP.
	plattoem - independent manner.
->	Theory: - A dynamic Link Library (PLL) is collection of
dra to	small program that can be loaded when needed day
	larger program and used to the Same time. small
	program let the larger program Communicate with
	specific device, such las peintee, or scanner, with a
	packaged all a PIL program, which is usually Expected
JOVA.	to 45 9 DLL file that support specific device operato
	dee known as device dervee . A DIL file is often given
	a "dll" file name subtix, DLL files is often given a
CU/H	'd" the suffix dynamically linked with program
non thos	

Date / / Page

that does them ducing program. exceution eather than being complied into main program. ex the advantage of DLL, the is space is used in Eandown access memory, because the tile don't get loaded into RAM, together, with the main program. when a DLL, tile is used is editing a document in the microsoft word, the printer out tile does not need to be loaded into RAM, it the user decide to the printer the word application Causes the printer DLL tile to be loaded and Ean.

(a-vid)

Java Native Interface: The Java Native Interface (JNI) is a programming tramework that enables Java code in a Java vietual machine (JVM) to coll and be called by native application and libraries, western in other language such as, c, ctt, and assembly, JNI enables programmer to be accessible to Java application, many of the Etanderd Library classes.

- depend on JNI to provide the functionality to
  the developee and the user e.g. file I/o and
  Sound Library allow the all Java application
  to access this functionality in a safe and the
  platform Independent manner.
- An Interface that allow java to Incorrect with code weather in another longuage.

Modivation for JNI:

busing Code Reysobility 119 bills byposting

Reuse existing / legacy code with java.

> peztoEmance:-

- Native code used to Interpted mode.

- Allows java to SAP into jow level of, H/W Exceptions.



