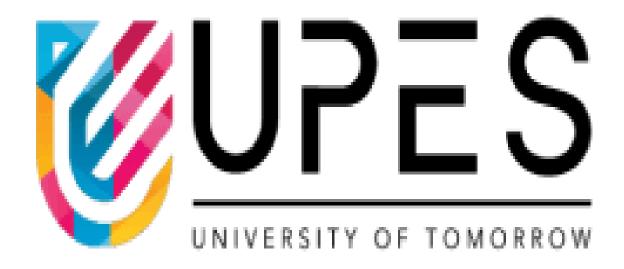
ASSIGNMENT – 1



NAME - NARAYAN VYAS

SAP - 500122747

ENROL - R2142231971

BATCH - 2 (CCVT)

INTRODUCTION TO JAVA ENVIRONMENT

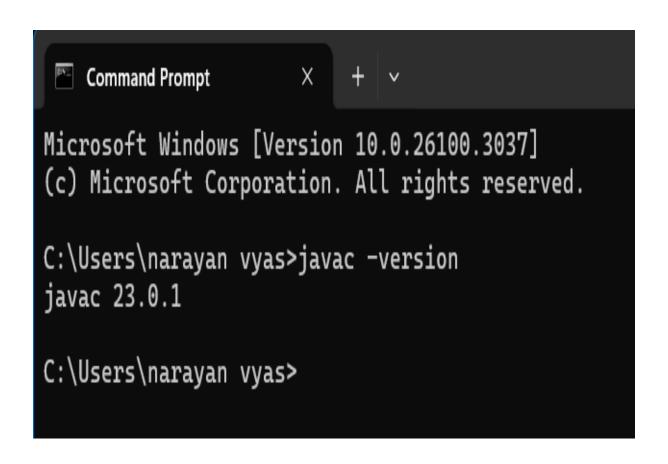
Q1 Explore and understand the role of JDK, JRE, and JVM?

Java Assignment	PACIE No.
Name - Namuan Vyos SAP - 500122748 Enroll - R2142231971 Batch-2 (((VT))	
@1- Explore and understand the role of JOK J an JKD (Java Development Kit)	RE and TVa
Development Tools The JDK is a comprehensive kit for 3 The JDK is a comprehensin kit for 3 The JDK is a comprehensive kit for 3 The JDK is a c	lava developer additional bugging
Includes JRE The JDK contains a JRE so you can be and run Java programs with it	
Compiler Ljavac): Compiles Java source lock	into byterock
Debugger (job): Helps developers finds and fix ever	in their locks
Java Doc: Generate documentation from Java socus	le coite
Other Tools: Includes took for anching, prycling	g and moe

	PAGE No.
2	(JRE) Java Runtime Environment
0	Rontime Environment
1-)	The JRE provides the necessary environment for
1	running Java applications.
0	Includes Jum
	94 contain the JUM along Guth other essential
	Components like class libertires and supporting
	fles that the Jum needs during exclusion of
0	for users
_)	9/ you only need to run Java programs, you only
40000	1 91 you only need to non Inva programs, you only need the JRE. you don't need the JDK
0	JVM (Java Virtual Machine)
3-	J V/) [SAVA VI 100 - DUT]
0	Core of Java
	The Turn is the heart of Java's platform independence. The June is the heart of Java's platform independence. The June is the heart of Java's platform independence.
1	Its a virtual mathine that execut Jana by & lock.
0	Platform Countiff
-)	Platform Specific Jum, are platform-dependent, meaning theres a specific
	Jums are platform-dependent, meaning there's a specific Jum implementation for each operating system
	Byklode execution;
7	when you compile a Java program, it's converted into an intermediate code called by trade,
	The Jum inter overs this buteraile and translates it
	The Jum interprets this bytecode and translates it into the instruction that the underlying operation
	system can understand and excess.
- 1	

Q2 Install latest available JDK and verify the java environment?





Q3 Create a simple Hello World program using text editor and show the steps to compile and execute the program using command prompt?

```
Main - Notepad

File Edit View

class Main{
    public static void main(String [] args){
        System.out.println("Hello World ");
}
```

C:\Users\narayan vyas>cd "C:\Users\narayan vyas\Downloads"

C:\Users\narayan vyas\Downloads>javac Main.java

C:\Users\narayan vyas\Downloads>java Main Hello World

Q4 DISPLAY YOUR NAME AND COMPLETE ADDRESS IN DIFFERENT LINES?

