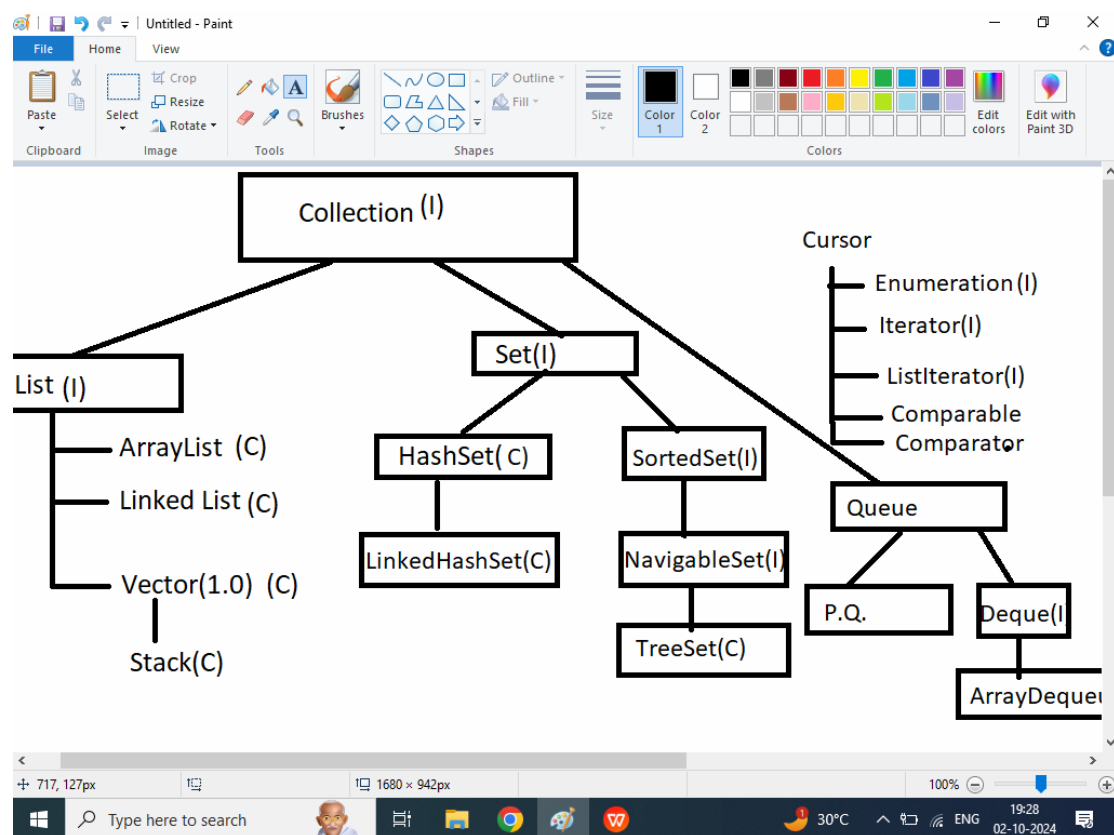
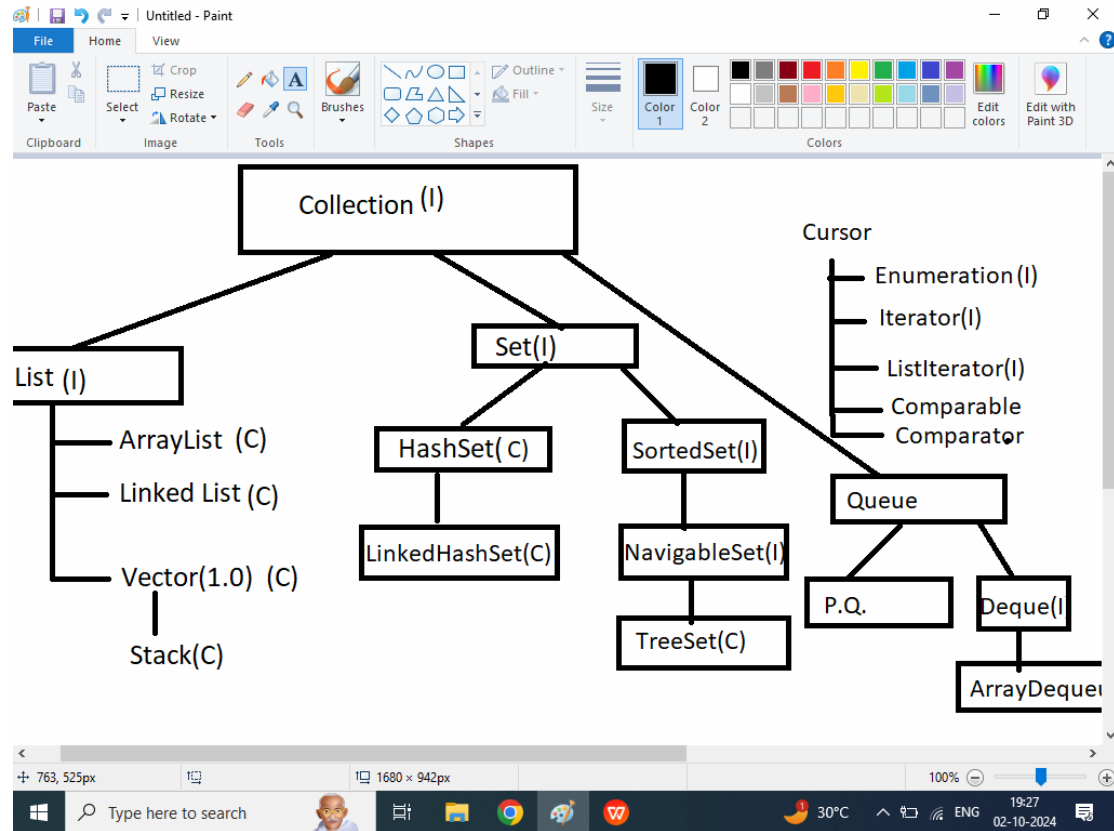
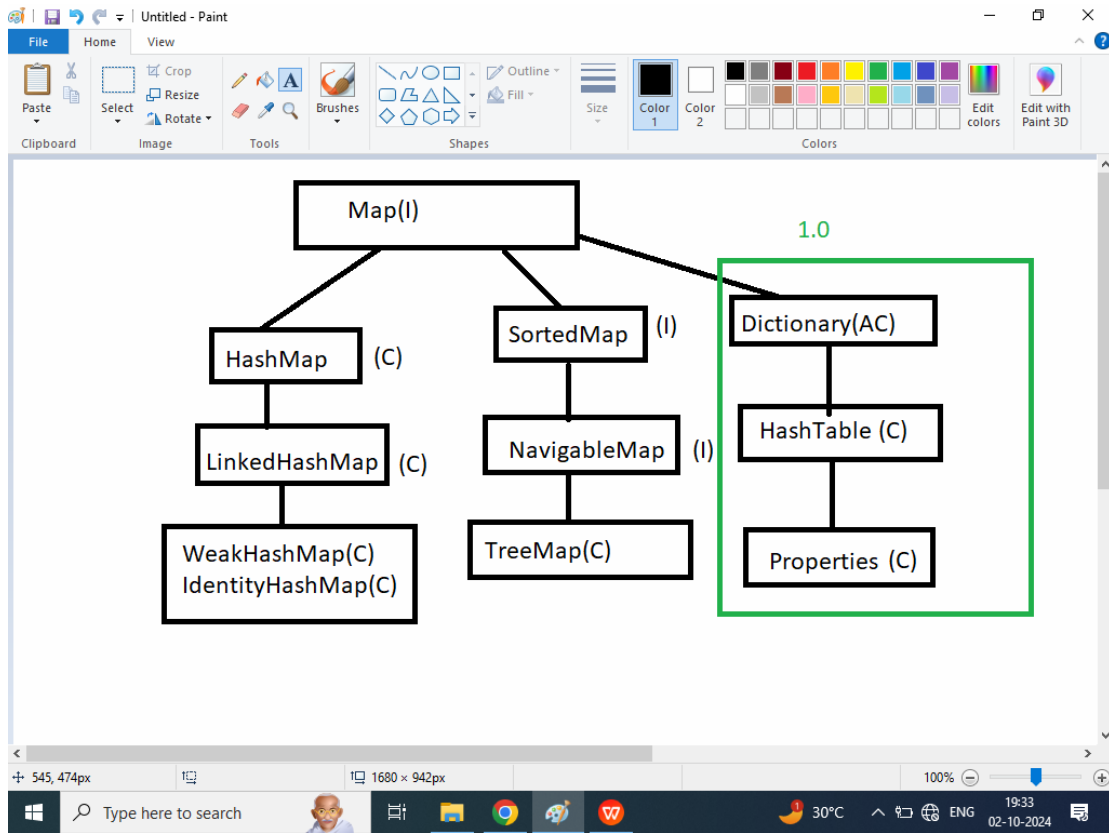


## DSA With Collection Framework





Java Classes

1. Syntax with theory and examples covered in the class
2. Topic Wise MCQ
3. Coding Test
4. Topic Wise Task(Number Based, Array Based ,String Based)

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Q1. Overview of java programming?

Ans:

1. Java is a programming language introduced in 1991 by the name "OAK".
  2. It was re-released in 1995 by the name "Java"
  3. Java is product from sun micro system.
  4. Founder of java James gosling and his team
  5. Currently java acquired by an Oracle from jdk1.8
  6. Latest version of java is java 21
- 

Q2. Software Requirement for java full stack?

Ans:

A. JDK 1.8

B. NOTEPAD

C. Mysql(8.0)

D. IDE [Netbeans, Eclipse, VS CODE, IntelliJIDEA,STS]

E. POSTMAN

<https://www.oracle.com/in/java/technologies/javase/javase8-archive-downloads.html>

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The screenshot shows the Microsoft Paint application window titled 'Untitled - Paint'. The main canvas displays a web browser window showing the Oracle Java SE Runtime Environment 8u202 download page. The page has a table with the following data:

Product / File Description	File Size	Download
Solaris x64	85.38 MB	<a href="#">jdk-8u202-solaris-x64.tar.gz</a>
Windows x86	201.64 MB	<a href="#">jdk-8u202-windows-i586.exe</a>
Windows x64	211.58 MB	<a href="#">jdk-8u202-windows-x64.exe</a>

The 'Windows x64' row is highlighted with a red rectangle. Below this table, the page title 'Java SE Runtime Environment 8u202' is visible, followed by a license notice and another table for Linux downloads:

Product / File Description	File Size	Download
Linux x86	70.22 MB	<a href="#">jre-8u202-linux-i586.rpm</a>
Linux x86	85.93 MB	<a href="#">jre-8u202-linux-i586.tar.gz</a>
Linux x64	67.04 MB	<a href="#">jre-8u202-linux-x64.rpm</a>

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons (File Explorer, Chrome, Paint, Word). The system tray on the right displays the temperature (30°C), time (19:55), and date (02-10-2024).

Next class Topic:

1. How to set path in java
2. Java program structure
3. Sample program using java