VidyaJyothi Institute of Technology

(Approved by AICTE, New Delhi, Accredited by NAAC, NBA,Permanently Affiliated to JNTUH, Hyderabad)

An Autonomous Institution

Department of Computer Science and Engineering

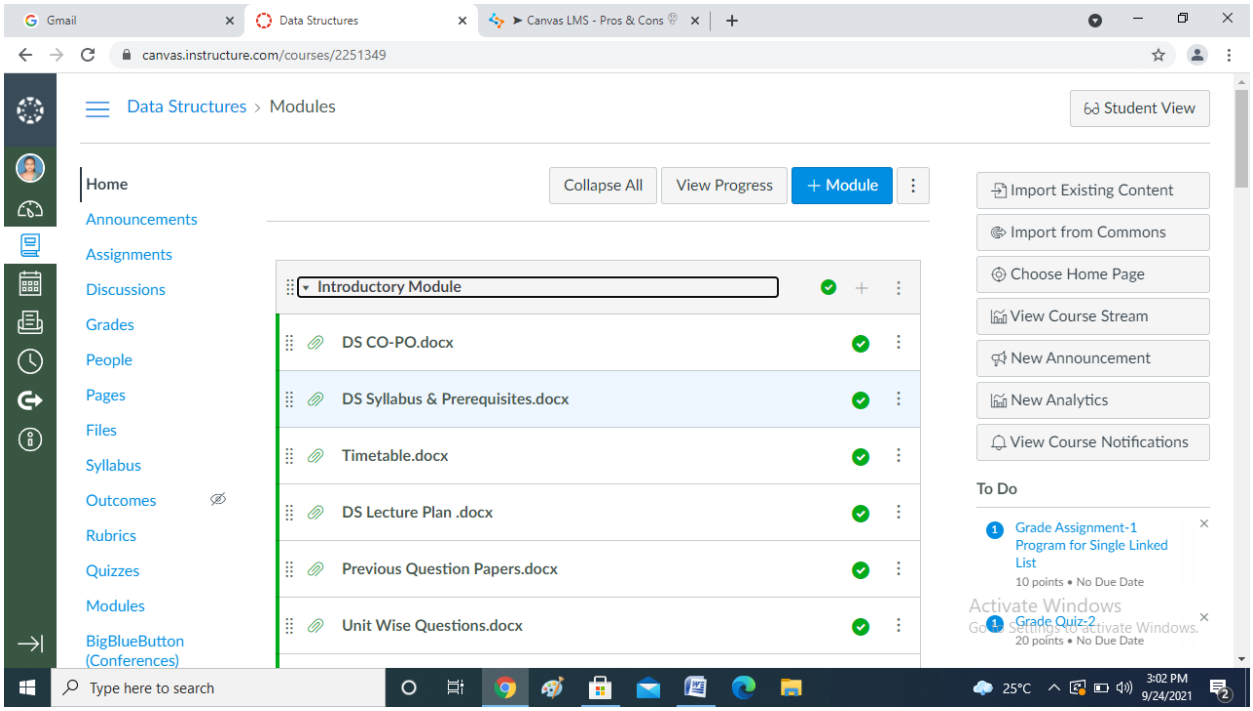
Faculty Name: B.Sailaja Academic Year:2020-21

Year: II Year Sub:DataStructures

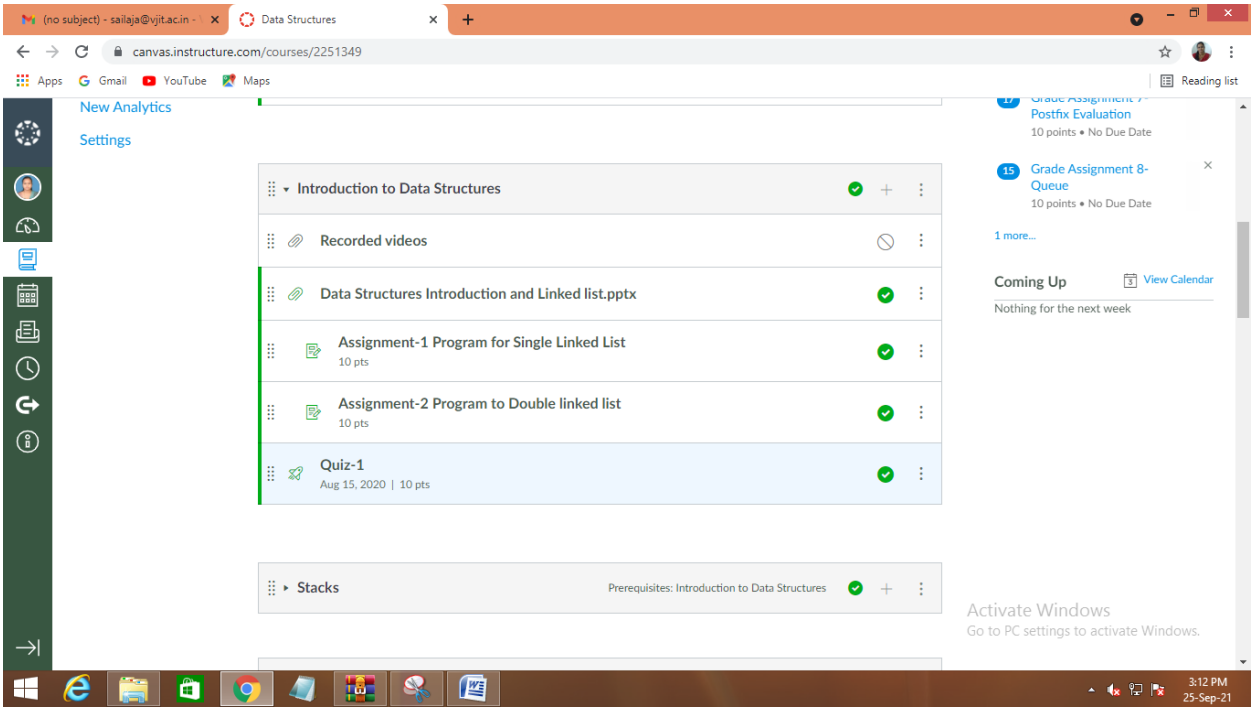
- Canvas LMS from Instructure is a cloud-based learning management system (LMS)
- It is a course management system that supports online learning and teaching
- It is an open-sourced cloud-based application designed to empower both teachers and students by making an engaging learning environment available to them.
- Canvas tools **enhance teaching power and the student's learning experience**, saving more time and effort and allowing greater focus on other priorities
- Canvas LMS offers **easy-to-use and customizable teaching and learning experience**.
- Canvas LMS is an **excellent tool to organize learning**. It is based on three main components, including a Dashboard, a high-level overview of top courses, and a Global navigation menu that provides access to the main features of the LMS.
- Canvas Common is another main highlight of the platform. It is a learning object repository where educators can **supplement their classes with quizzes, modules, and courses**. They can create discussions and documents in the repository. This feature provides educators with a fast track to course creation. Commons can also be used as a platform to share content within an institution.
- The best highlight of Canvas LMS is its Modules feature. This feature helps organize course content into units. Educators can stipulate prerequisites for modules in sequence. Students don't see a course or unit until they unlock their prerequisites.
- Quiz Feature helps educators to **take a quiz or assign an exam** to any student if they require it at any place. Quizzes can be graded or ungraded, time-constraints, or self-paced, with long descriptive answers or multiple choices with true or false, etc.
- Gradebook is a feature that helps educators and administrators to grade students based on their assignments. The Grades can be imported or exported manually as well as automatically in a CSV file through Student Information System integration.
    - I created a course on Data Structures in semester 1
    - I have added all 60+ students to the course
    - In each course modules are created for unit wise. In each module I have added notes, ppts, Videos of online classes, other reference videos.
    - I conducted quiz and graded the students.
    - I given assignments and assignments are graded to the point 10.

Home Page of DataStructure Course in Canvas

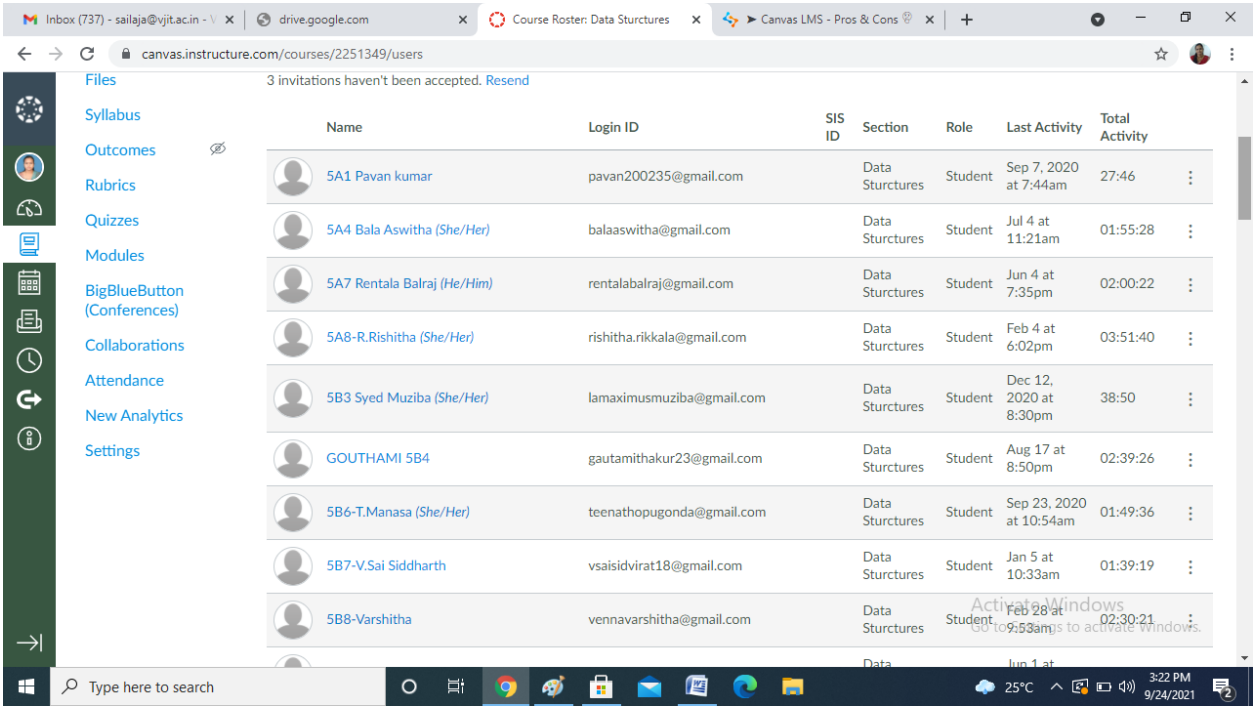
In Introductory module I included syllabus, timetable, lecture plan, CO-PO etc



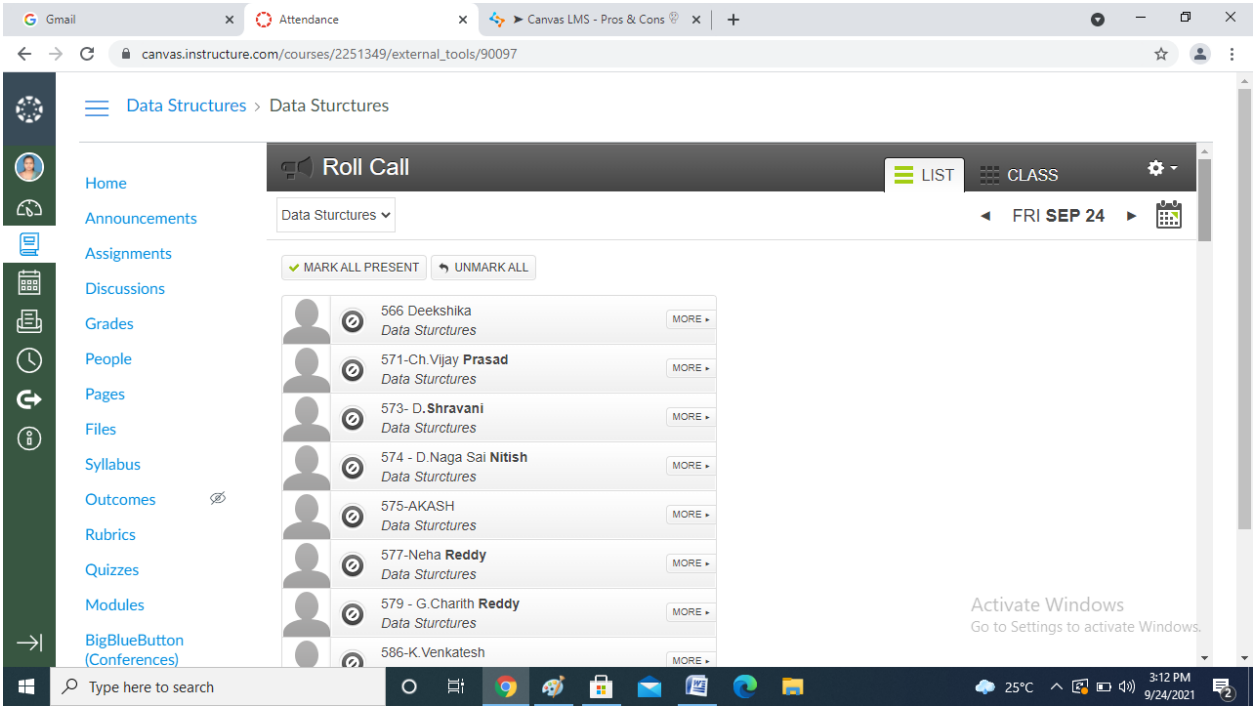
Modules in the course



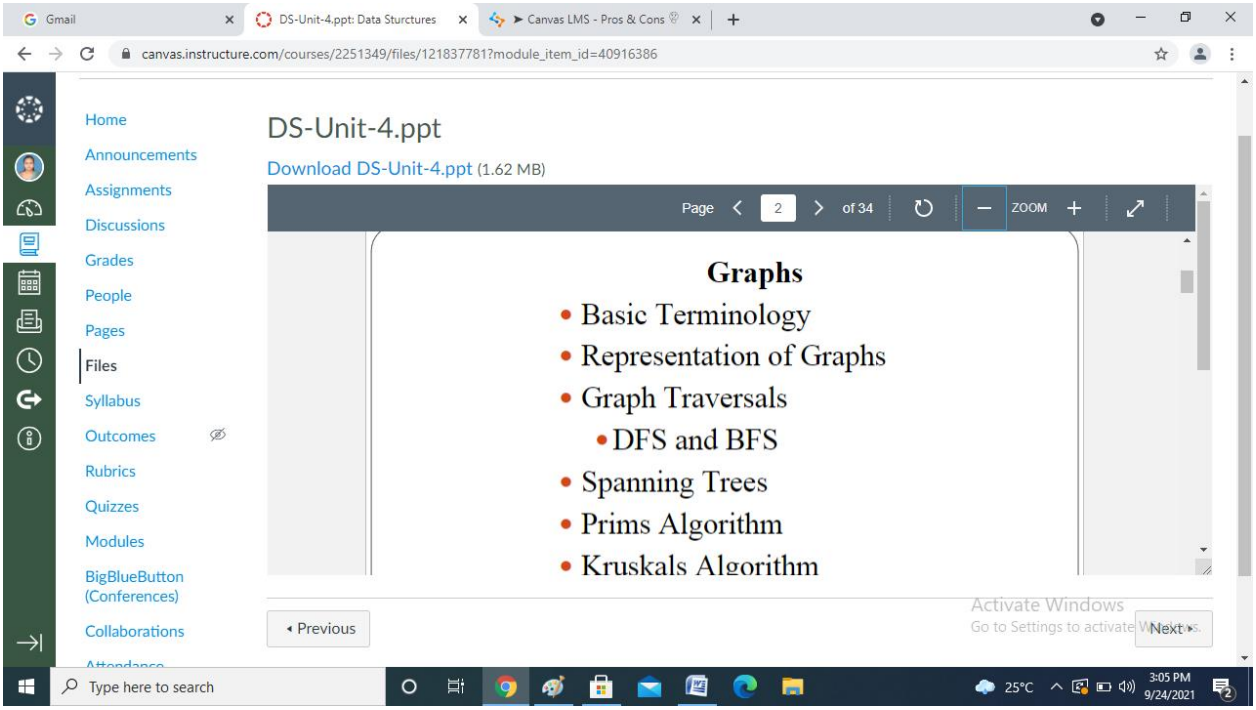
List of Students added to the course



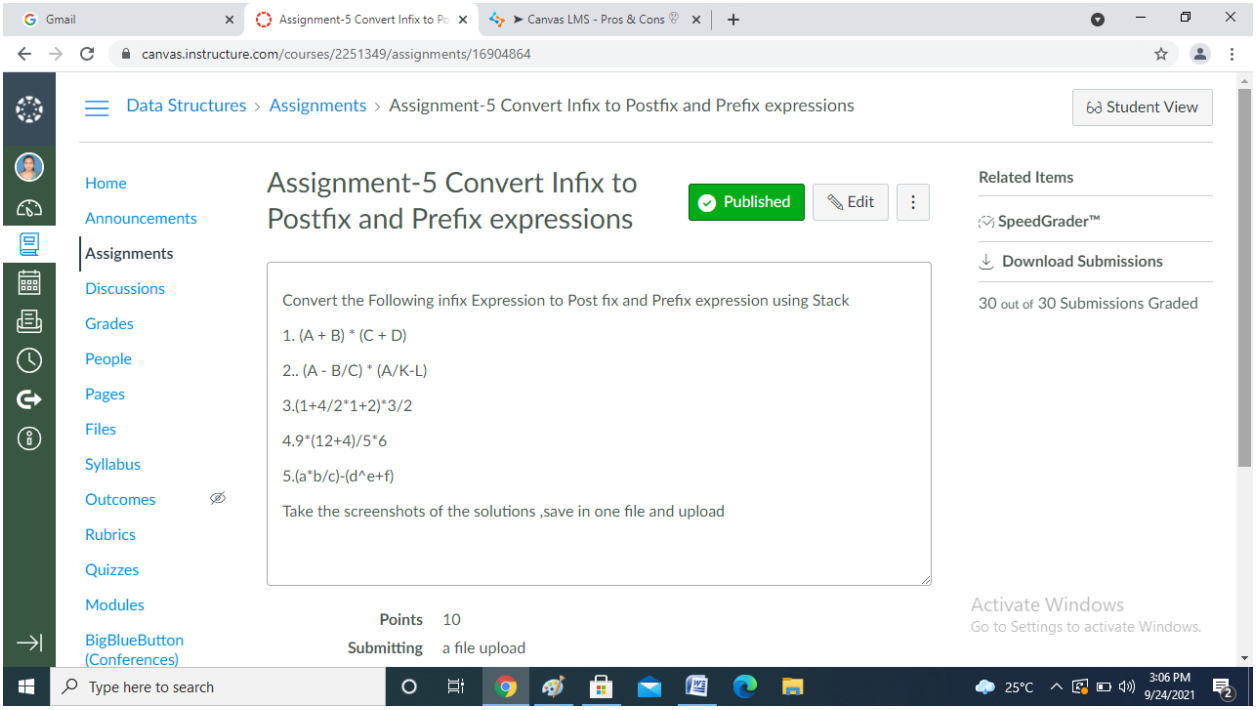
Attendance of the Students



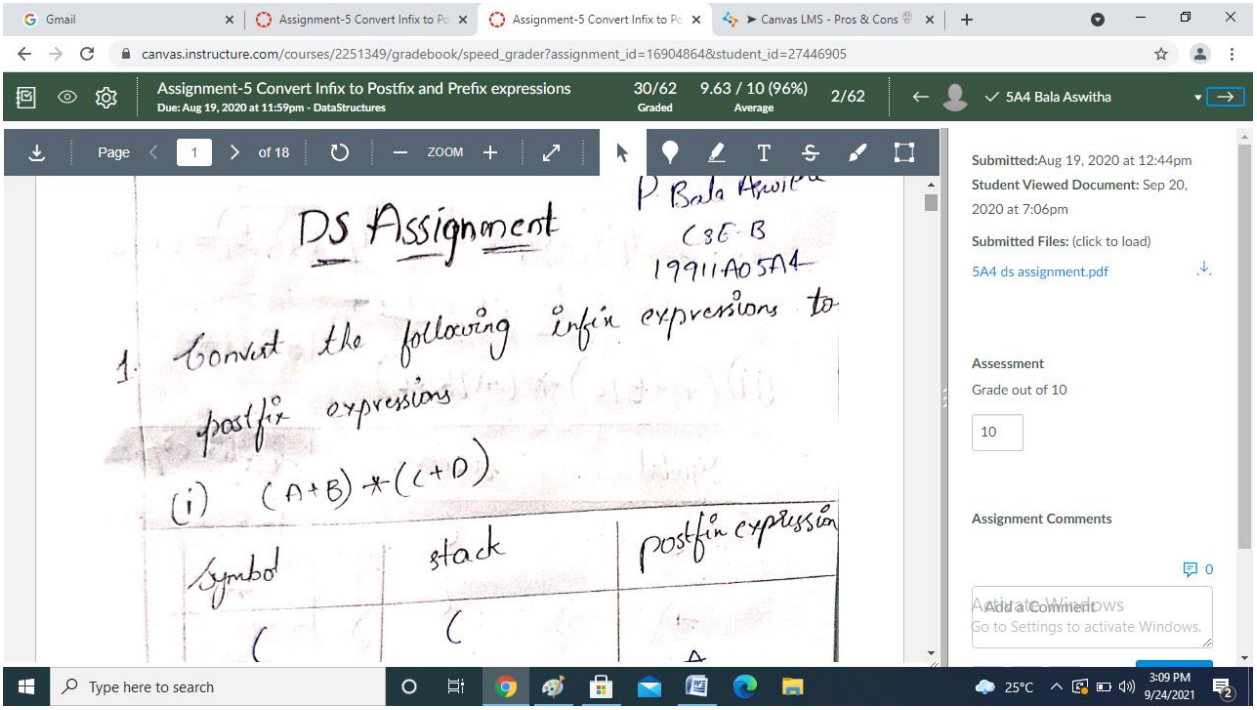
One of Unit PPT



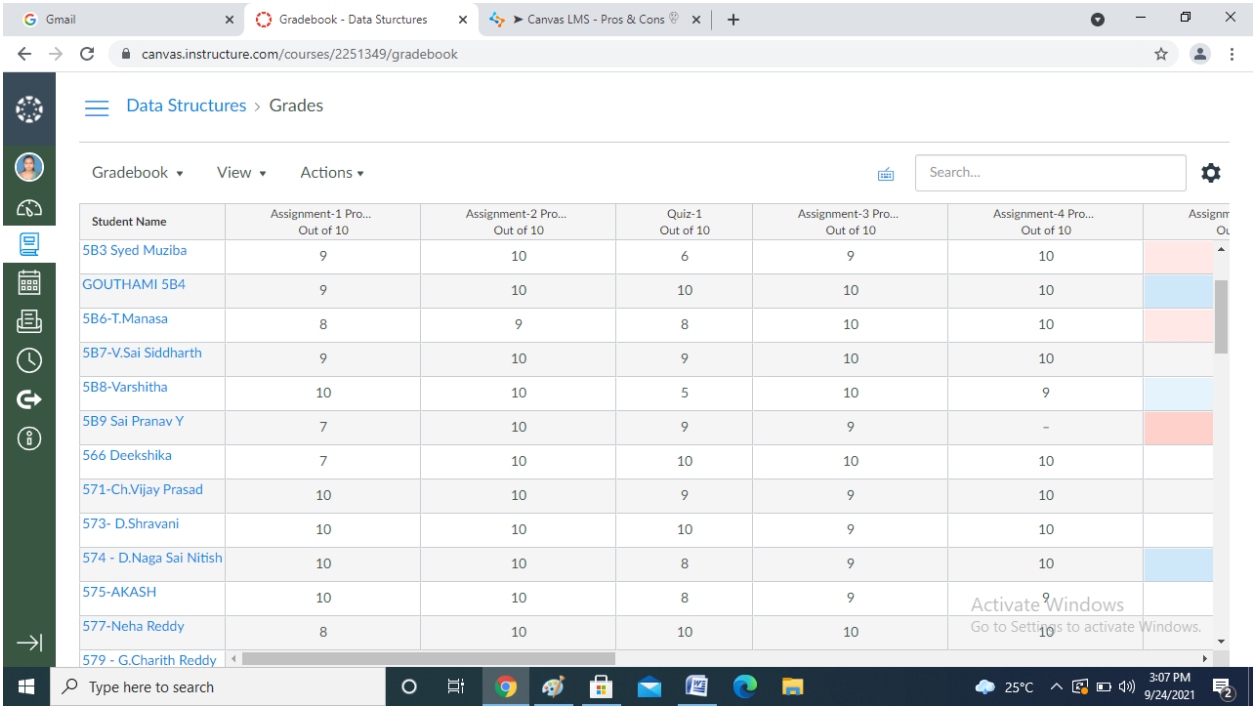
Assignment Given to the Students



Sample Assignment submitted by student

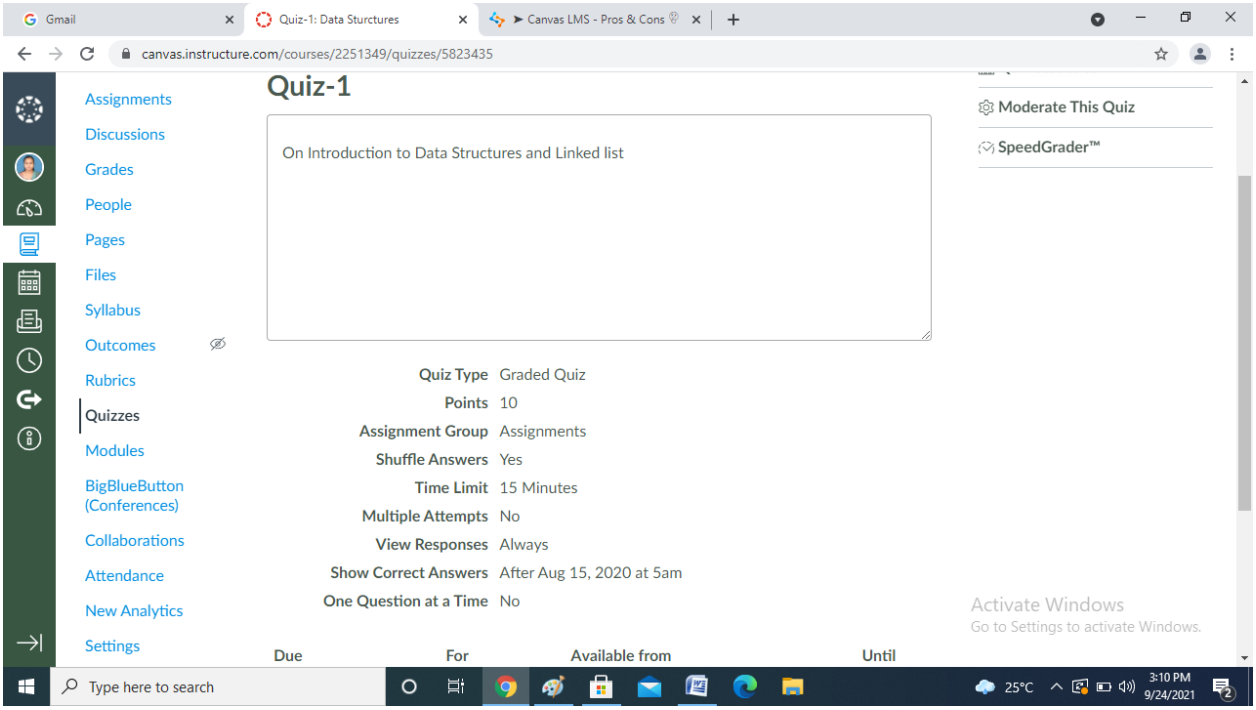


Assignments Graded

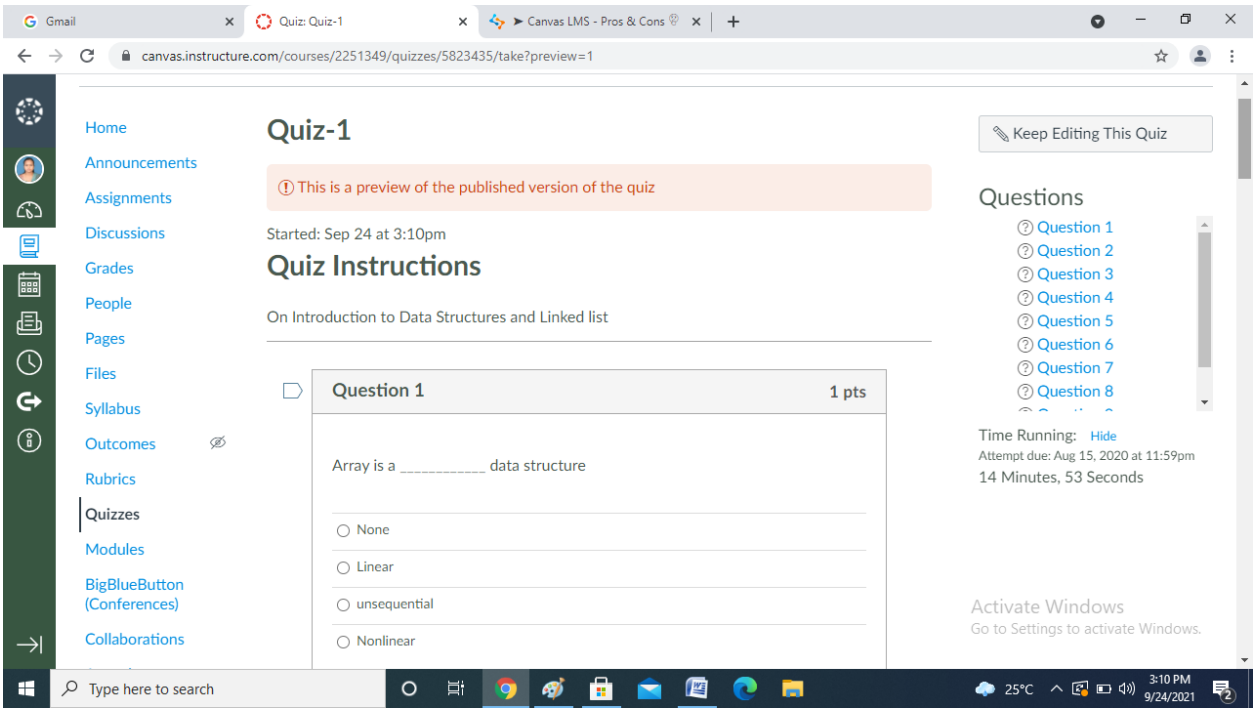


Student Name	Assignment-1 Pro... Out of 10	Assignment-2 Pro... Out of 10	Quiz-1 Out of 10	Assignment-3 Pro... Out of 10	Assignment-4 Pro... Out of 10
5B3 Syed Muziba	9	10	6	9	10
GOUTHAMI 5B4	9	10	10	10	10
5B6-T.Manasa	8	9	8	10	10
5B7-V.Sai Siddharth	9	10	9	10	10
5B8-Varshitha	10	10	5	10	9
5B9 Sai Pranav Y	7	10	9	9	-
566 Deekshika	7	10	10	10	10
571-Ch.Vijay Prasad	10	10	9	9	10
573- D.Shravani	10	10	10	9	10
574 - D.Naga Sai Nitish	10	10	8	9	10
575-AKASH	10	10	8	9	9
577-Neha Reddy	8	10	10	10	10
579 - G.Charith Reddy					

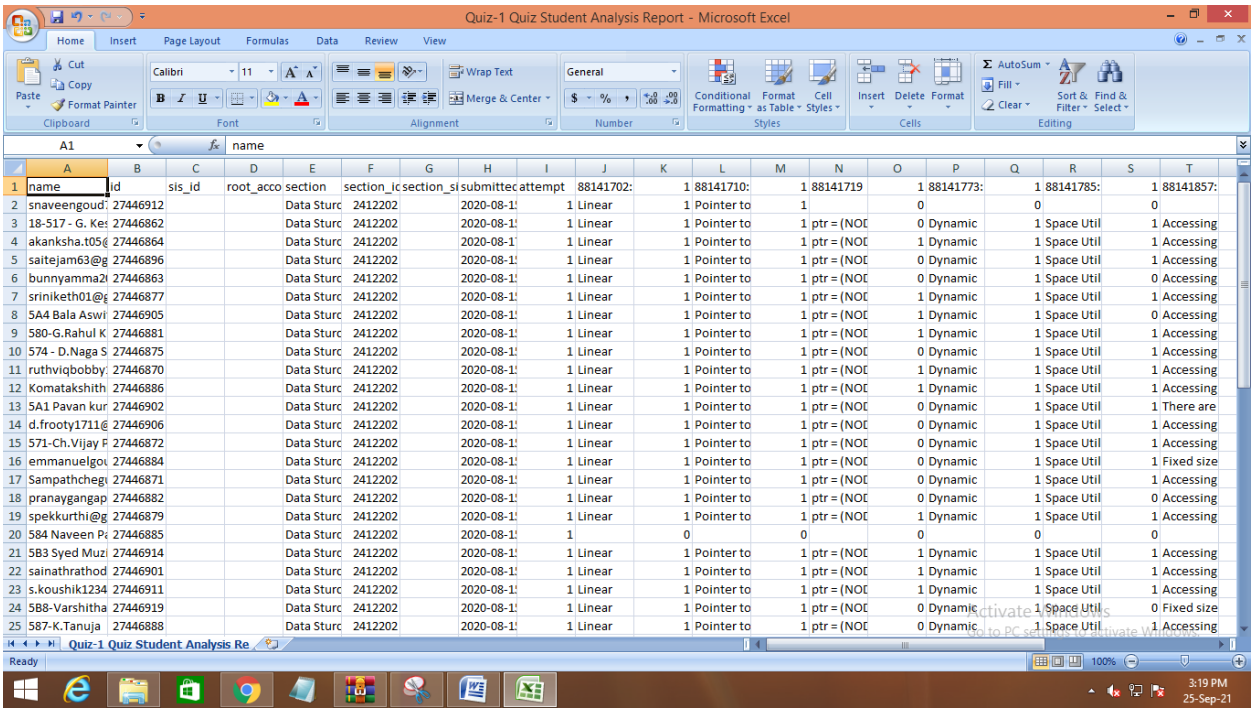
Quiz Conducted to the Students



Quiz Paper

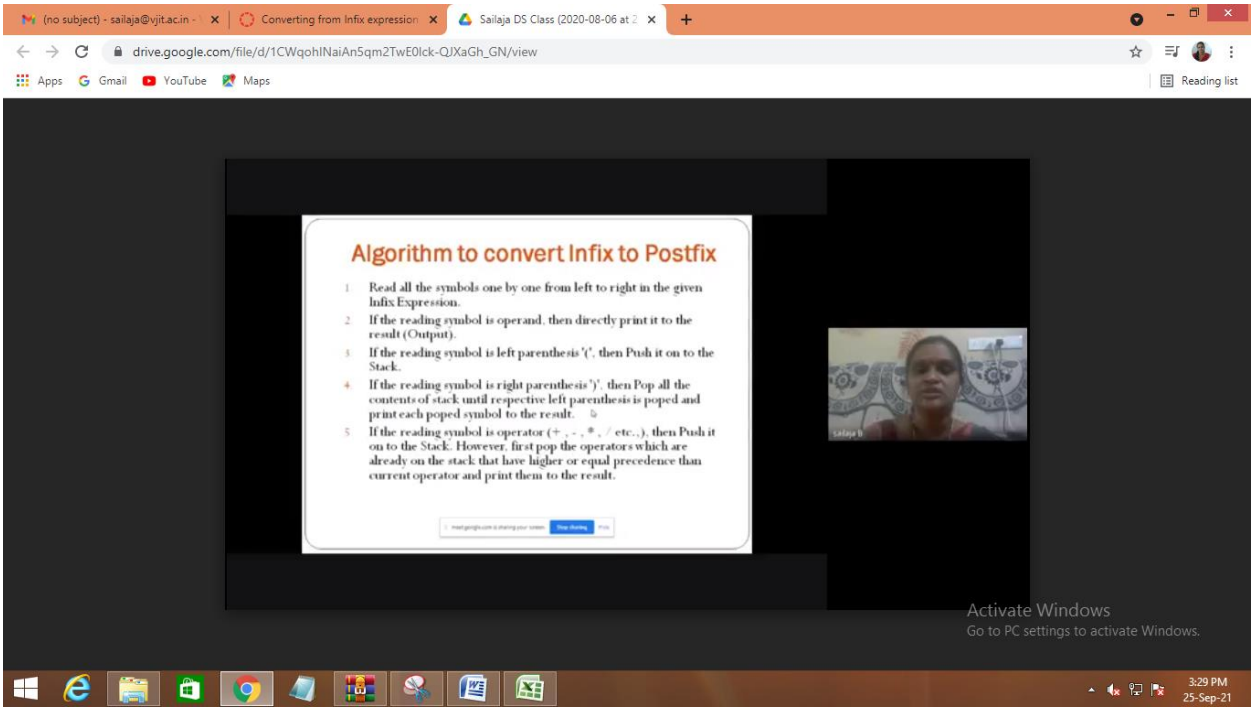


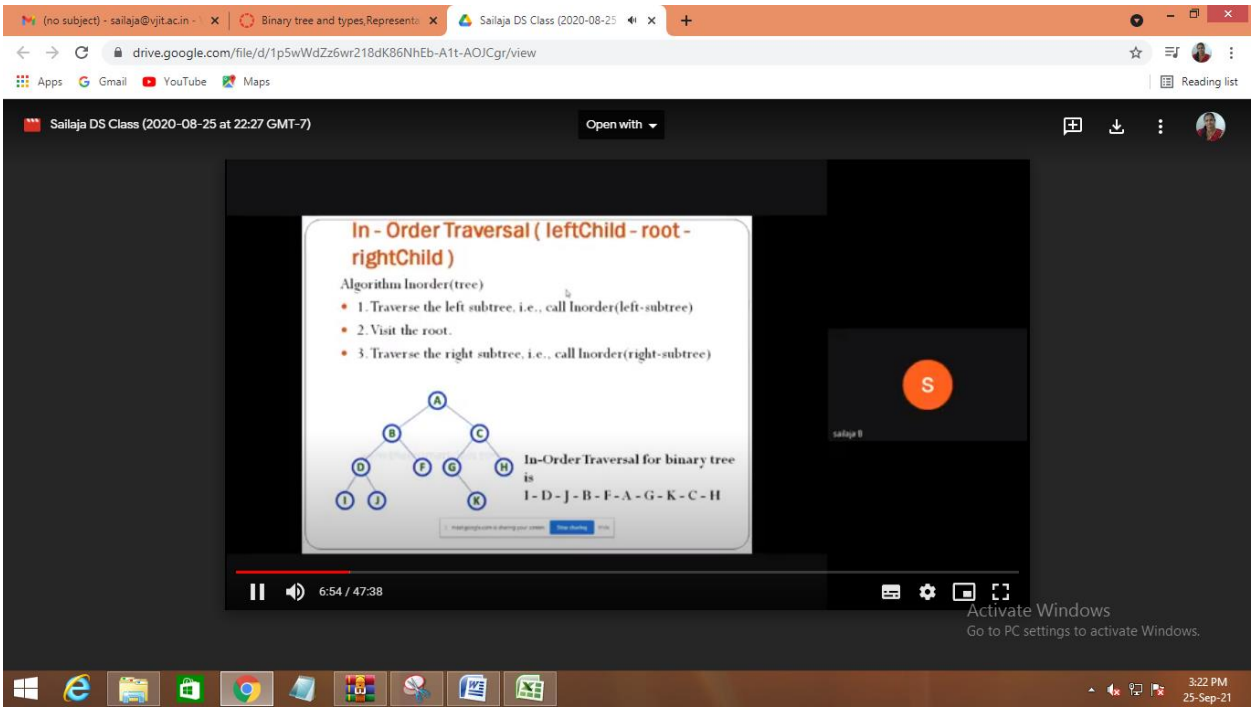
Students Analysis of Quiz which can be downloaded as csv file



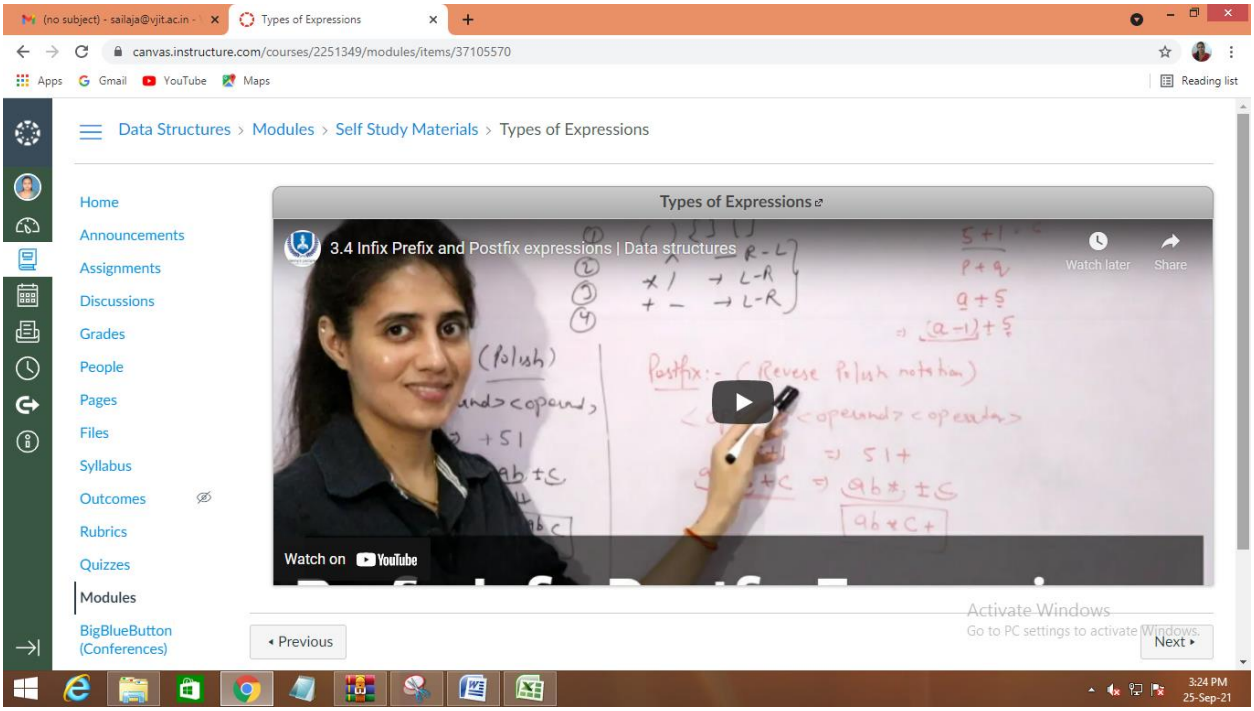
name	id	sis_id	root_acco	section	section_ic	section_si	submittec	attempt	88141702:	1	88141710:	1	88141719	1	88141773:	1	88141785:	1	88141857:
snaveengoud	27446912			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1		0		0		0	
18-517 - G. Ke	27446862			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	1	Accessing
akanksha.t05	27446864			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	1	Dynamic	1	Space Util	1	Accessing
saitejam63@g	27446896			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	1	Accessing
bunnyamma2	27446863			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	0	Accessing
sriniketh01@	27446877			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	1	Dynamic	1	Space Util	1	Accessing
5A4 Bala Aswi	27446905			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	1	Dynamic	1	Space Util	0	Accessing
580-G.Rahul K	27446881			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	1	Dynamic	1	Space Util	1	Accessing
574 - D.Naga S	27446875			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	1	Accessing
ruthviqbobby	27446870			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	1	Dynamic	1	Space Util	1	Accessing
Komatakshith	27446886			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	1	Dynamic	1	Space Util	1	Accessing
5A1 Pavan kur	27446902			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	1	There are
d.frooty1711@	27446906			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	1	Accessing
571-Ch.Vijay F	27446872			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	1	Accessing
emmanuelgou	27446884			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	1	Fixed size
Sampathcheg	27446871			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	1	Accessing
pranaygangap	27446882			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	0	Accessing
spekkurthi@g	27446879			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	1	Dynamic	1	Space Util	1	Accessing
584 Naveen P	27446885			Data Sturc	2412202		2020-08-1	1		0		0		0		0		0	
5B3 Syed Muz	27446914			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	1	Dynamic	1	Space Util	1	Accessing
sainathrathod	27446901			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	1	Dynamic	1	Space Util	1	Accessing
s.koushik1234	27446911			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	1	Dynamic	1	Space Util	1	Accessing
5B8-Varshitha	27446919			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	0	Fixed size
587-K.Tanuja	27446888			Data Sturc	2412202		2020-08-1	1	Linear	1	Pointer to	1	ptr = (NOI	0	Dynamic	1	Space Util	1	Accessing

Live Lecture videos uploaded in canvas for students reference

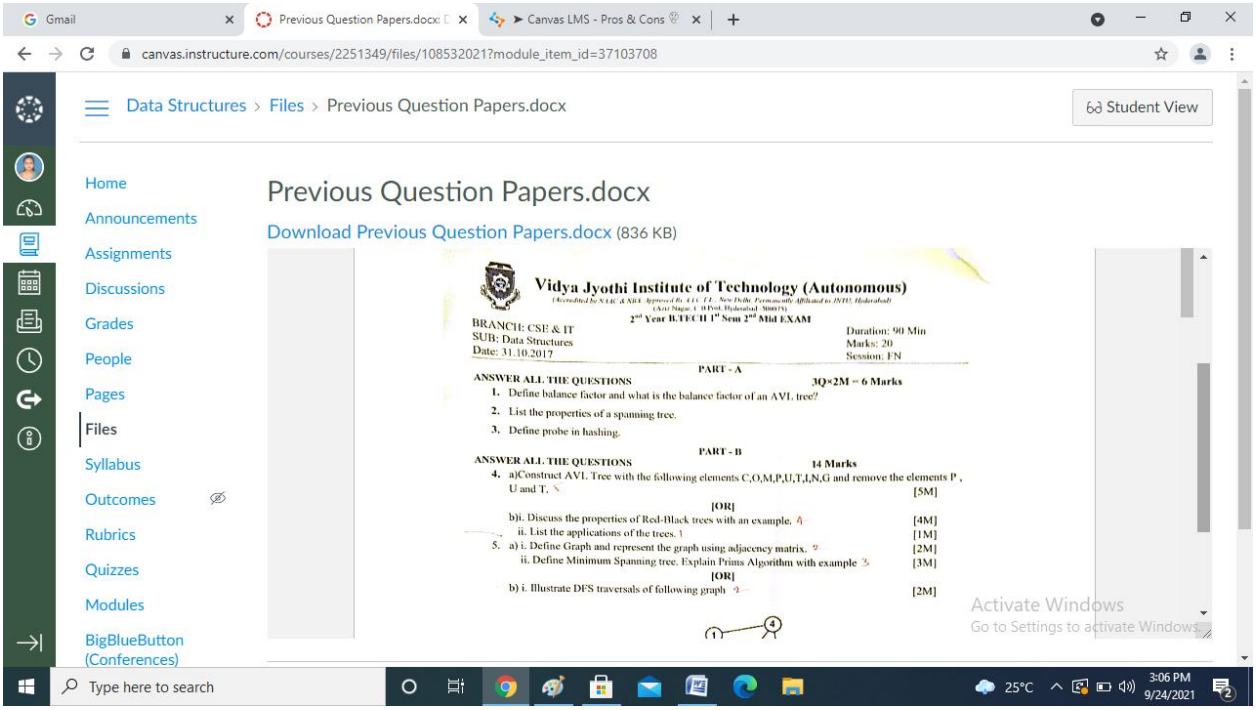




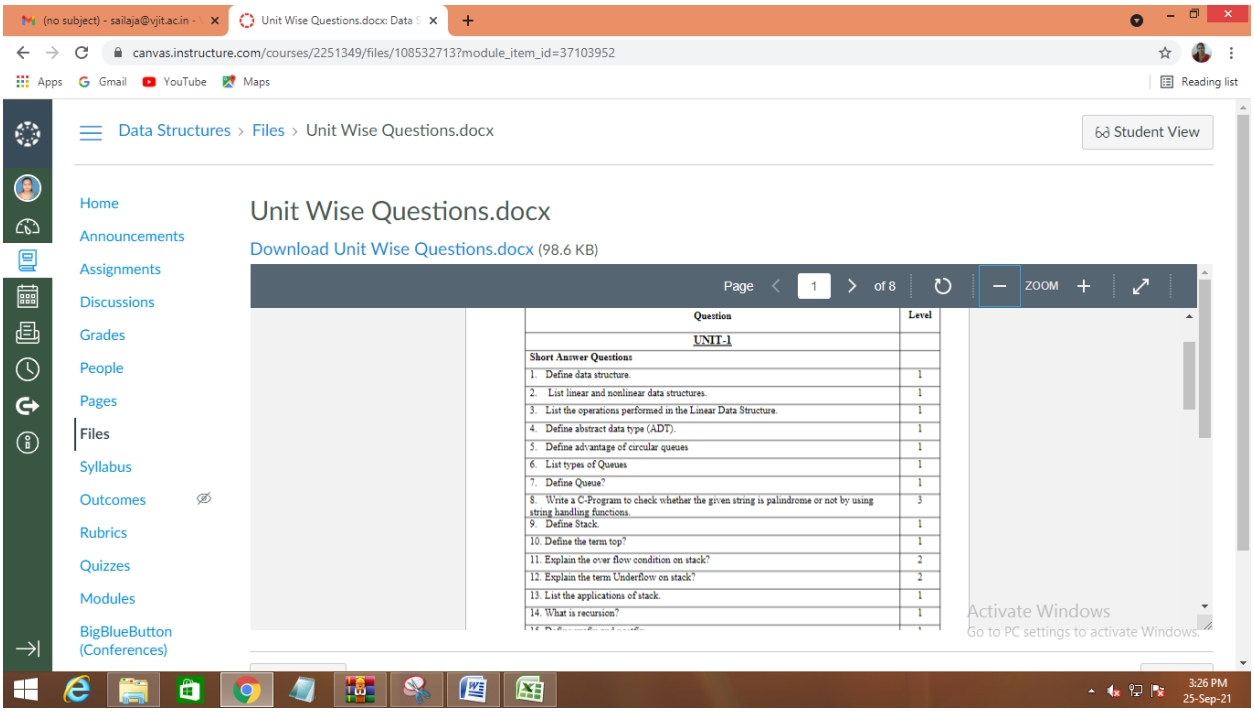
Other videos for students reference



Previous Question Papers for students Reference



Unit wise important Questions



Out come: Consistency of learning. Delivering course through an LMS keeps the content centralized so all the students have a single source of content, instructions and questions