JERUSALEM COLLEGE OF ENGINEERING
AN AUTONOMOUS INSTITUTION
Approved by AICTE, New Delhi. Affiliated to Anna University Chennai.
Accredited by NBA, New Delhi and Accredited by NAAC with "A" Grade
Velachery Main Road, Narayanapuram, Pallikaranai, Chennai, Tamil Nadu - 600100.

DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year 2023-2024 Odd Semester

Degree, Semester & Branch	**:III Semester-B.Tech InformationTechnology**
Course Code & Title	**:** JCS1321 Object Oriented Programming
Name of the Faculty member (s)	**:** Dr.K.Sundaramoorthy Perof&Head

Innovative Practice Description

- **Unit / Topic**   :Unit1/Access Specifiers
- **Course Outcome:**CO1
- **Topic Learning Outcome:** TLO4
- **Activity Chosen**   :One Minute Paper
- **Justification:**
  - In one-minute paper activity the students will be given with 5 minutes to write brief about that class session
  - Access specifier in java specifies the accessibility or scope of a field, method, constructor or class and it is the important topic needed for java programming.
  - In order to have are cap of Access specifiers and its types, this activity is chosen.

- **Time Allotted for the Activity:** 5 Minutes
- **Details of the Implementation:**
  - Faculty explained the concept of Access specifier and its types with example program in the previous class.
  - Students were asked to write the concept, syntax and simple programs using access specifiers today as shown in Figure 1: Java program to demonstrate the scope of data members of a class using private, protected, default and public access specifier.
  - The faculty member collected the paper and corrected the programs as shown in Fig2. The Students who have written program with mistakes were asked to rewrite it.

- CO – PO / PSO mapping:

CO	PO1	PO2	PO3	PO9	PO10	PSO1
CO1	3	1	1	1	1	3

(1– Low   2 – Moderate   3 – High)

PO / PSO mapped:

Innovative practice	PO1	PO2	PO3	PO9	PO10	PSO1
Justification for correlation	Studentswill be able to understand the concept and apply to real world problems	Students willbeable to writeandde velop java program using access specifiers	Studentswill be able to provide solution by applying access specifier	As the student involved in the activityas an individual, theindividual programming skill improved	Students Programming kill will be improved as they are writing the javaprograms using access specifiers	The java programming skill gained through this activityhelps the students in solving real world problems

- Images/ Screen shot of the practice:

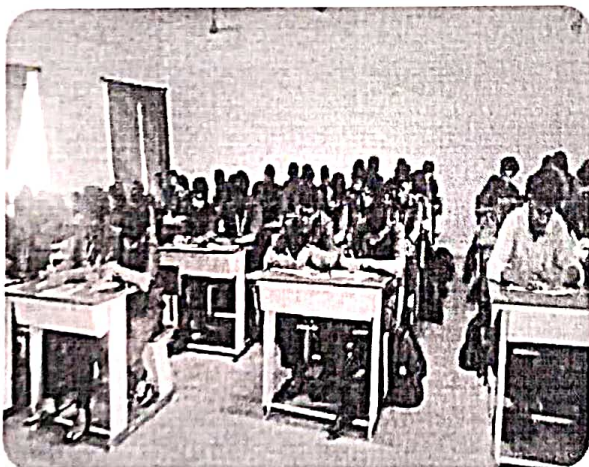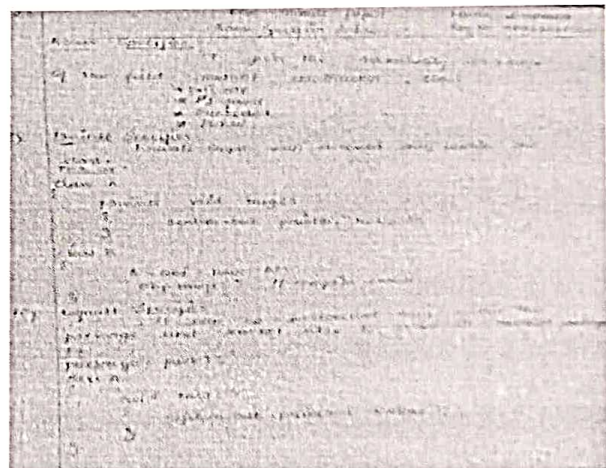
Fig1:One-MinutePaperActivity

Fig2:Sample Sheet of Activity of Student SobanaS

- **Reflective Critique:**
  - ❖ *Feedback of practice from students and other stakeholders:*

- o Students said that they were able to recollect and remember the concept of access specifiers and its types after the activity.
- o Students feel easy to understand the concept and to write programs.

❖ *Benefit of the practice:*
- o Students remembrance of the concept is improved.
- o Students able to understand the scope of access specifier.
- o Students learned how to use access specifiers while writing programs.
- o Students programming skill is improved

❖ *Challenges faced in implementation:*
- o Few students made a mistake in writing programs using access specifiers
- o It took more time for some students to complete the activity.

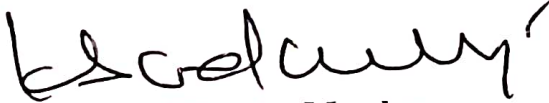The Student Jaladhija answered the access specifier question with following programming mistakes

    i) She Write the definition of access specifier incomplete.

    ii) She committed a mistake in writing Syntax of variable declaration with access specifier.

    iii) She committed a mistake in importing package by omitting a semicolon at the end of statement.

    iv) She didn't write the required output.

In the next class, addressed the students how to present the definition of access specifier and correct syntax of importing packages and informed the students to write the required output with respect to the program.

References:

- o https://www.slideshare.net/raja2dlas/minute-paper
- o https://www.ritrjpm.ac.in/images/computer-science/CS8251-SE-MinutePaper.pdf

Signature of Faculty Member

HOD

Dr. K. SUNDARAMOORTHY
Professor & HOD
Department of Information Technology
Jerusalem College of Engineering (Autonomous)
Pallikkaranai, Chennai-600 100.