A Reflection Report

Webinar

on

" Java Programming "

Organized by

Department of Computer Science and Engineering

08/06/20, 10/06/20 – 12/06/20 (4 Days)

<u>Co-ordinators</u>

Dr. R. Anitha, HoD/CSE

Ms. P. Vinothiyalakshmi AP/CSE

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Report on Event

The event started with the Welcome Address by Dr. R. Anitha, Professor & Head/CSE & Ms. P. Vinothiyalakshmi AP/CSE introduced the Guest Speaker Dr. Ruso, Associate Consultant, Wipro Limited, Chennai.

After the welcome address Ms. P. Vinothiyalakshmi has briefed about the Object oriented programming importance. He handed over the session to Dr. Ruso. The Speaker briefed on the importance of Java programming. He explained about the java packages. He explained about the various tools like Maven, Spring suite etc.

He stated that the Java is a programming language which is compatible with any platforms. He said that once the java classes are created we shall be able to execute the class in any operating system. He explained the importance of Java Virtual Machine (JVM). He also explained briefly about java programming fundamentals (day 1), collection framework and multithreading (day 2), java I/O stream (day 3), database connectivity and core java random test (day 4).

He explained about his experience of using Java programming in various domains. At the end of his talk, he also conveys that it is very easy to implement using Java programming language. Then, at the last session the students were written the core java random test also.

The Vote of Thanks was presented by Ms. P. Vinothiyalakshmi AP/CSE. The event then ended successfully.

SRI VENKATESWARA COLLEGE OF ENGINEERING

An Autonomous Institution-Affiliated to Anna University

Pennalur, Sriperumbudur 602 117

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Solicit your esteemed presence for the

Webinar

On

Java Programming

By

Dr. Ruso

Associate Consultant

Wipro Limited, Chennai

Date: June 8th & 10th to 12th, 2020 (4 days)

Time: 10.00 AM – 11.00 AM & (11.00 AM to 12.00 PM on 12/06/2020)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WEBINAR ON

" Java Programming "

<u>Agenda</u>

- **Welcome Address by Dr. R. Anitha, Prof. & Head/CSE**

- **Lecture by the Speaker: Dr. Ruso, Associate Consultant,**

  Wipro Limited, Chennai

- **Day 1 - Java programming fundamentals**

- **Day 2 - Collection framework and Multithreading**

- **Day 3 - Java I/O stream**

- **Day 4 - database connectivity and core java random test**

- **Vote of Thanks by Ms. P. Vinothiyalakshmi AP/CSE**

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WEBINAR ON

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Details of the Participants:

https://forms.gle/FirVeqvRgY1nV6v48

Webinar Link:

https://ruso14.my.webex.com/meet/ruso.14

Test Link:

http://www.pskills.org/randomtestaction.jsp

Feedback from the Participants:

https://forms.gle/6khBYQDpDnK7DMm17

Youtube Link:

https://youtu.be/VzC1VUUahKY

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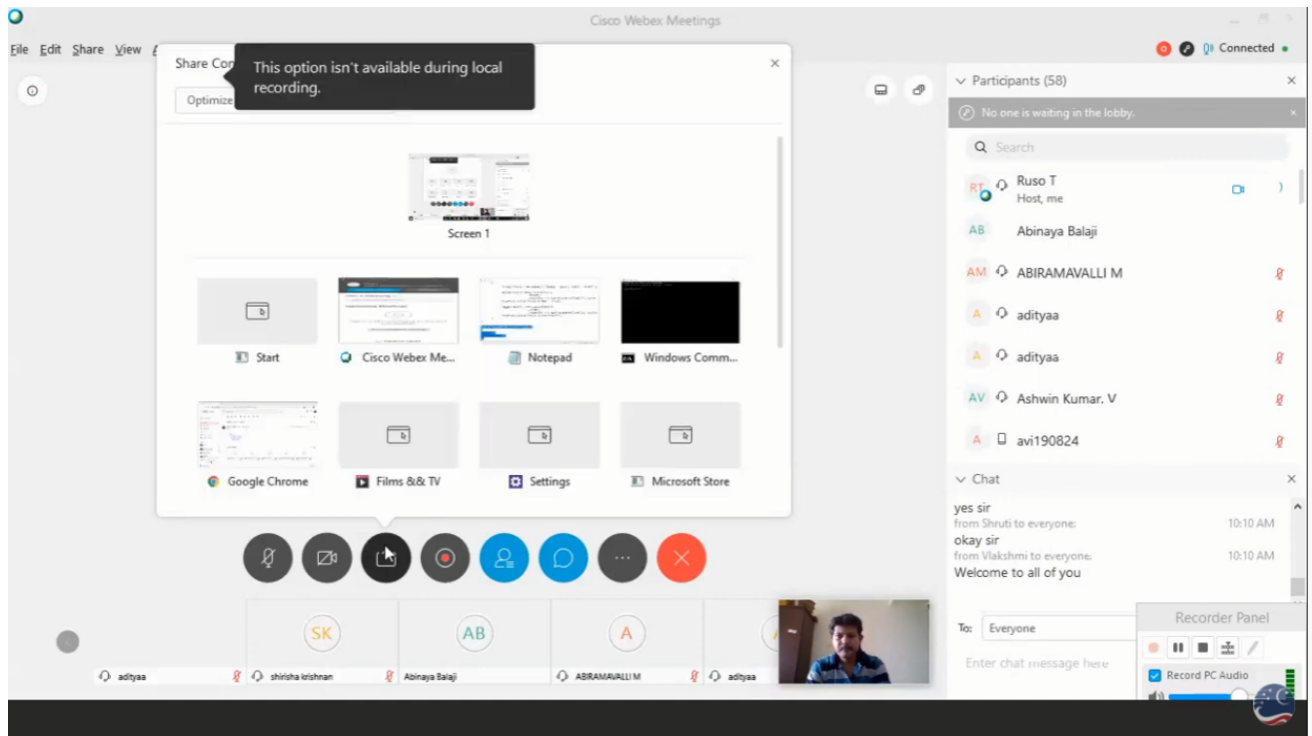
```java
    private static void sortByValueJava8Stream()
    {
        Map<String, Integer> unSortedMap = getUnSortedMap();

        System.out.println("Unsorted Map : " + unSortedMap);

        LinkedHashMap<String, Integer> sortedMap = new LinkedHashMap<>();
        unSortedMap.entrySet().stream().sorted(Map.Entry.comparingByValue())
                .forEachOrdered(x -> sortedMap.put(x.getKey(), x.getValue()));

        System.out.println("Sorted Map    : " + sortedMap);

        LinkedHashMap<String, Integer> reverseSortedMap = new LinkedHashMap<>();
        unSortedMap.entrySet().stream().sorted(Map.Entry.comparingByValue(Comparator.reve
                .forEachOrdered(x -> reverseSortedMap.put(x.getKey(), x.getValue()));

        System.out.println("Reverse Sorted Map   : " + reverseSortedMap);
    }

    private static Map<String, Integer> getUnSortedMap()
```