

Training Program on Java Full Stack (1st Sept, 2022 to 30th Sept, 2022)

Java Full Stack development refers to the practice of using Java programming language to develop both the front-end (client-side) and back-end (server-side) components of a web application. A Full Stack Java developer is proficient in both front-end and back-end technologies, allowing them to work on the entire software stack. A 30 Days JAVA FULL STACK Program was conducted for the students from 1st Sept, 2022 to 30th Sept, 2022. Dr. Souvik Ganguli from the Department of Electrical and Instrumentation Engineering, Thapar Institute of Engineering and Technology, Patiala was the coordinator for the program. The link for the program is provided for reference:

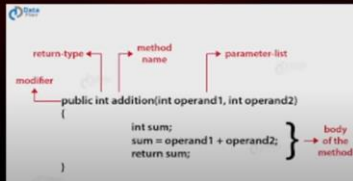
<https://www.youtube.com/watch?v=8AHLWAACWTI>

The collage consists of six screenshots from a YouTube video series:

- Top Left:** Title slide for 'PANTECH JAVA FULLSTACK MASTERCLASS - ORIENTATION' from 1st Sep to 30th Sep 2022, 6:00 - 6:45 PM.
- Top Right:** 'OUR AGENDA' slide listing 15 days of topics, including Java introduction, variables, loops, inheritance, and HTML.
- Middle Left:** 'WHAT IS JAVA?' slide defining it as an Object-Oriented Programming Language developed by Sun Microsystems in 1995.
- Middle Right:** 'COMPONENTS OF JAVA' slide listing JVM, JDK, and JRE.
- Bottom Left:** 'APPLICATIONS OF JAVA' slide focusing on Big Data Technology, mentioning Hadoop HDFS, ETL, Apache Camel, and Apache Kafka.
- Bottom Right:** A code editor showing a Java program named 'Easy' that uses the Scanner class to take user input.

Methods in Java.

- A method in java is a group of statements which is used to perform a specific task.



Example Program.

```
public class Predfn
{
public static void main(String[] args)
{
// using the max() method of Math class
System.out.print("The squareroot is: " + Math.sqrt(9));
}
}
```

