













```
∠ Java Development

                                                          \leftarrow \rightarrow
   File Edit Selection View Go Run Terminal Help
                                                                                                                                                                                               ▷ ~ □ …
       EXPLORER
                                        J Chapter 1.Java
                                         J Main.java > <sup>1</sup> Main > <sup>1</sup> main(String[])

✓ JAVA DEVELOPMENT

                                               public class Main {
       > Assingment-1
                                                   int seconds;
                                          23
       > Assingment-2
go
       > Assingment-3
                                                   public void processInput(int hours, int minutes, int seconds) throws InvalidHourException, InvalidMinuteException, InvalidSecondException {
                                          25
       > Assingment-4
                                                       if (hours < 0 || hours > 24) {
       > Assingment-5
                                                           throw new InvalidHourException(message: "Hour should be between 0 and 24");
                                          27
$
       > Assingment-6
                                                       } else if (minutes < 0 || minutes > 60)
                                                           throw new InvalidMinuteException(message: "Minute should be between 0 and 60");
       > Homeworks
B
                                                        } else if (seconds < 0 || seconds > 60) {
       > lib
                                                           throw new InvalidSecondException(message: "Second should be between 0 and 60");
                                         31
       J Chapter_1.Java
                                          32
                                                         else {
       J Main.class
                                                            this.hours = hours;
       Main.java
                                                           this.minutes = minutes;
       J NegativeNumberException.class
                                                           this seconds = seconds;
                                                           System.out.println("Correct Time-> " + hours + ":" + minutes + ":" + seconds);
                                                   Run | Debug
                                                   public static void main(String[] args) {
                                                       Scanner scanner = new Scanner(System.in);
                                         41
                                                       System.out.println(x:"Enter hours:");
                                         42
                                                       int hours = scanner.nextInt();
                                         43
                                                       System.out.println(x:"Enter minutes:");
                                                       int minutes = scanner.nextInt();
                                         45
                                                       System.out.println(x:"Enter seconds:");
                                                       int seconds = scanner.nextInt();
                                         47
                                                       Main time = new Main();
                                          49
                                                       try {
                                                           time.processInput(hours, minutes, seconds);
                                         51
                                                        catch (InvalidHourException | InvalidMinuteException | InvalidSecondException e) {
                                          52
                                                           System.out.println(x:"Caught the exception");
                                                           System.out.println("Exception occurred: " + e.getMessage());
                                          54
                                                       scanner.close();
     > OUTLINE
     > JAVA PROJECTS
                                                                                                                                                   Q Ln 49, Col 32 Spaces: 4 UTF-8 CRLF {} Java P Go Live Q
   ⊗ 0 △ 0 😭 0 😁 Java: Ready
```





