

```

import java.time.LocalDateTime;
import java.time.format.DateTimeFormatter;
import java.util.Scanner;

public class Alarm {
    public static void main(String[] args) {
        // Get the current date and time
        LocalDateTime now = LocalDateTime.now();

        // Define a formatter
        DateTimeFormatter formatter = DateTimeFormatter.ofPattern("yyyy-MM-dd
HH:mm:ss");

        // Format the current date and time
        String formattedDateTime = now.format(formatter);

        // Display the current date and time
        System.out.println("Current Date and Time: " + formattedDateTime);
        Scanner scanner = new Scanner(System.in);

        // Prompt the user to enter a time
        System.out.println("Enter time in HH:mm format (24-hour): ");
        String inputTime = scanner.nextLine();

        // Split the input time into hours and minutes
        String[] timeParts = inputTime.split(":");
        int hours = Integer.parseInt(timeParts[0]);
        int minutes = Integer.parseInt(timeParts[1]);

        // Display the entered time
        System.out.println("Alarm Set to: " + hours + " hours and " + minutes + "
minutes.");

        scanner.close();
    }
}

```

## Output

```
java -cp /tmp/g7NkbpZM7A/Alarm  
Current Date and Time: 2024-11-05 14:11:35  
Enter time in HH:mm format (24-hour):
```