import java.text.SimpleDateFormat;

import java.util.Date;

public class Clock {

private static final SimpleDateFormat dateFormat = new SimpleDateFormat("HH:mm:ss dd-MM-yyyy");

// Method to continuously update and print the current time

public static void updateAndPrintTime() {

Thread updateTimeThread = new Thread(() -> {

while (true) {

Date now = new Date();

System.out.println("Current Time: " + dateFormat.format(now));

try {

Thread.sleep(1000); // Update time every second

} catch (InterruptedException e) {

e.printStackTrace();

}

}

});

updateTimeThread.setPriority(Thread.MIN\_PRIORITY); // Lower priority for background updating thread

Thread printTimeThread = new Thread(() -> {

while (true) {

Date now = new Date();

System.out.println("Current Time: " + dateFormat.format(now));

try {

Thread.sleep(1000); // Update time every second

} catch (InterruptedException e) {

e.printStackTrace();

}

}

});

printTimeThread.setPriority(Thread.MAX\_PRIORITY); // Higher priority for clock display thread

updateTimeThread.start();

printTimeThread.start();

}

public static void main(String[] args) {

updateAndPrintTime();

}

}

