

```
import java.util.Timer;
import java.util.TimerTask;
import java.text.SimpleDateFormat;
import java.util.Date;
```

```
public class BuildTheApp {
    private Timer timer;
```

```
    public BuildTheApp() {
        timer = new Timer();
        startDailyMessages();
    }
```

```
    // Start daily message timer
```

```
    private void startDailyMessages() {
        timer.scheduleAtFixedRate(new TimerTask() {
            @Override
            public void run() {
                sendNewMessage();
            }
        }, 0, 86400000); // 86400000 ms = 24
```

```
hours
    }
```

```
    // Send a new message
```

```
    private void sendNewMessage() {
        String currentDate = new
        SimpleDateFormat("yyyy-MM-dd
        HH:mm:ss").format(new Date());
        System.out.println("New message received on: "
        + currentDate);
    }
```

```
    public static void main(String[] args) {
        new BuildTheApp();
    }
}
```

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Online Java Compiler

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Main.java

Output



```
java -cp /tmp/nIIYk5Rb3W/BuildTheApp
```

```
New message received on: 2024-11-10 05:22:07
```