



# Spring Boot Server

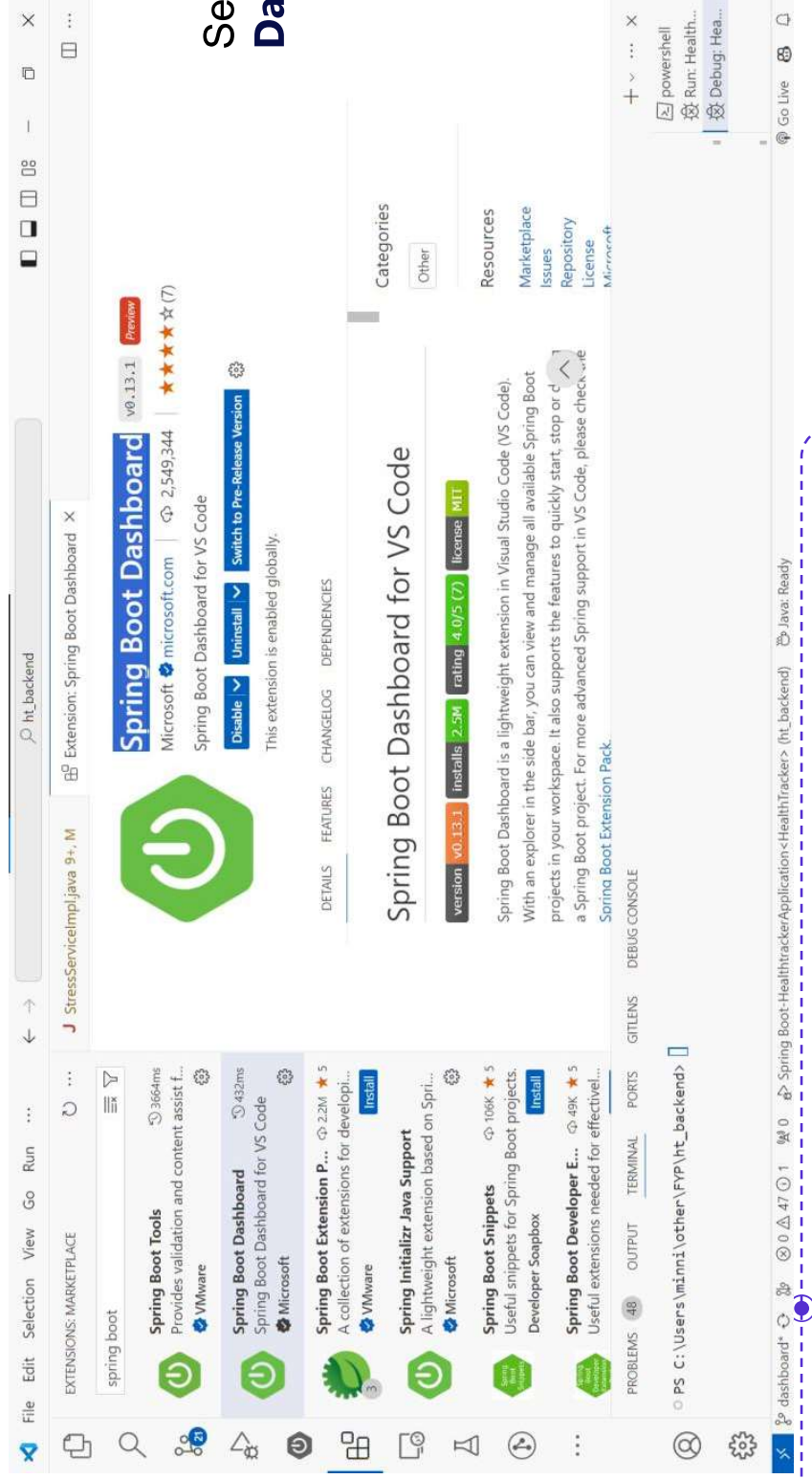
Using VS Code

# Example: Spring Boot Server with VS Code (1)

1. Update URL of Flask-based Application on Line 35 of **StressServiceImpl.java**

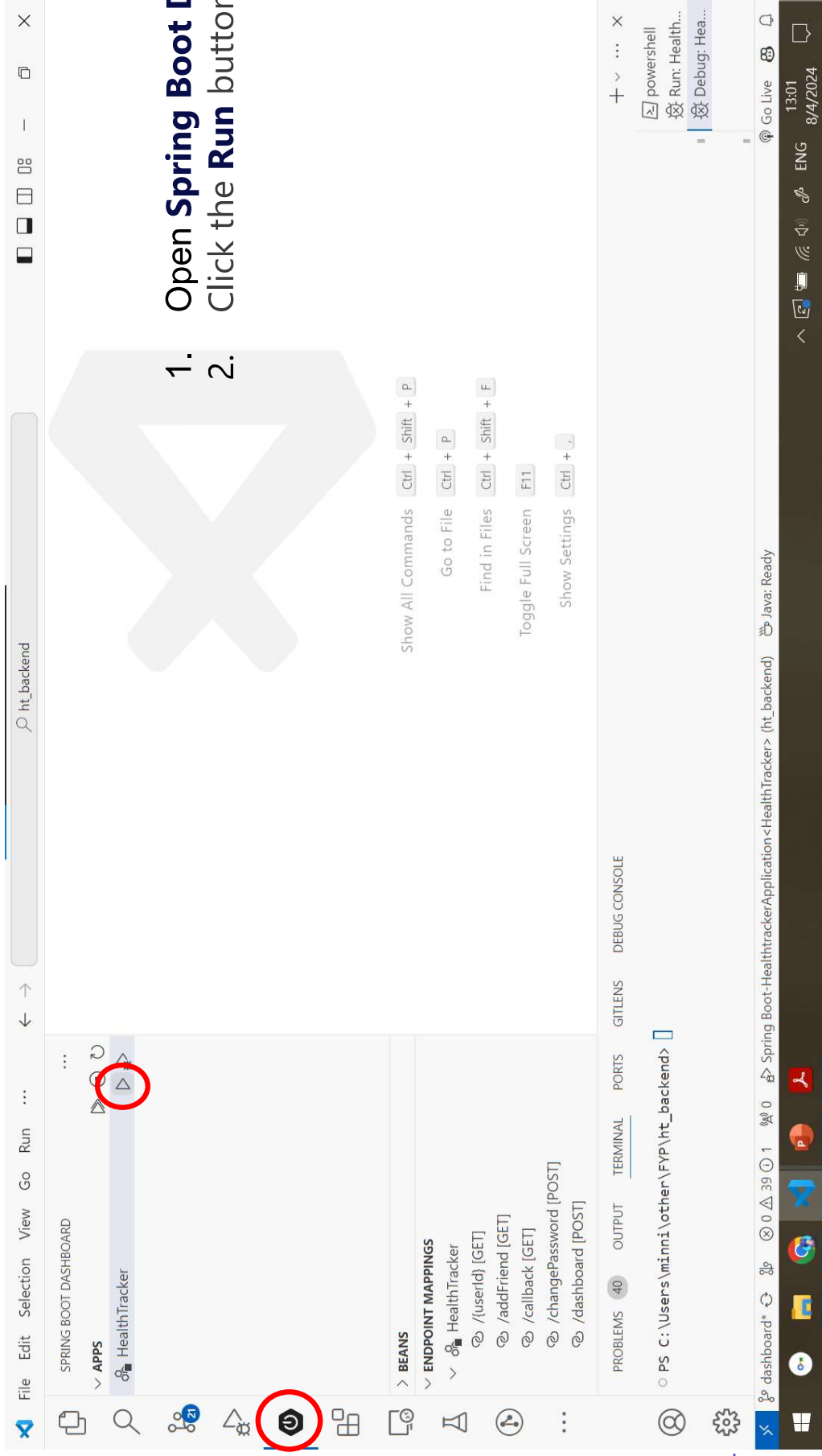
```
J StressServiceImpl.java 9+, M X
19 import java.time.LocalDate;
20 import java.util.Date;
21 import java.util.HashMap;
22 import java.util.List;
23 import java.util.Map;
24 import java.util.stream.Collectors;
25
26 @Service
27 public class StressServiceImpl implements StressService {
28
29     @Autowired
30     private StressRepository stressRepository;
31
32     private final WebClient webClient;
33
34     public StressServiceImpl(WebClient.Builder webClientBuilder) {
35         this.webClient = webClientBuilder.baseUrl("http://localhost:5000").build();
36     }
37
38     @Override
39     public StressDTO createStressRecord(long userId, String date, int level) throws StressRecordException {
40         LocalDate today = LocalDate.now();
41         if (stressRepository.findByIdAndDate(userId, today) != null) {
42             throw new StressRecordAlreadyExist();
43         }
44         ...
45     }
46 }
```

# Example: Spring Boot Server with VS Code (2)



Search and install **Spring Boot Dashboard** plugin

# Example: Spring Boot Server with VS Code (3)



The screenshot shows the Visual Studio Code (VS Code) interface. The top menu bar includes File, Edit, Selection, View, Go, Run, and a search icon. The left sidebar displays the 'SPRING BOOT DASHBOARD' with a tree view showing 'APPS' and 'HealthTracker'. The 'HealthTracker' application is selected, and its icon is circled in red. The main editor area shows the 'HealthTracker' application's configuration, including 'ENDPOINT MAPPINGS' and 'BEANS'. The 'Run' button in the bottom status bar is also circled in red. The right sidebar contains the 'TERMINAL' and 'DEBUG CONSOLE' panels. The terminal shows the command 'PS C:\Users\minni\other\FYP\ht\_backend>' and the output 'powershell Run: HealthTracker'. The status bar at the bottom indicates the current file is 'C:\Users\minni\other\FYP\ht\_backend' and the application is 'Java: Ready'.

1. Open **Spring Boot Dashboard**
2. Click the **Run** button