

The screenshot shows a Java IDE interface with several tabs open. The tabs include:

- EXPLORER
- PROBLEMS
- OUTPUT
- DEBUG CONSOLE
- TERMINAL
- PORTS

The TERMINAL tab is active, displaying command-line output for a Spring Boot application named "RsvpApp". The output includes logs from the application's startup, configuration, and database connection. The application starts at port 8081 and runs on Tomcat.

```
2026-02-27T09:25:03.928+05:00 [INFO] 72721 --- [main] com.campus.rsvp.api.RsvpApplication : Starting RsvpAppApplication using Java 21.0.4 with PID 72721 (/Users/trevorndby/Documents/Github/CSC-E548-Project/target/classes started by trevorndby in /Users/trevorndby/...)
```

The PROJECT tab shows the project structure, which includes a main package "com.campus.rsvp.api" containing "RsvpApp" and "RsvpController". Other packages like "docs", "sql", and "src/main/java" are also listed.

The OUTPUT tab shows build logs and test results, indicating successful builds and tests.

The DEBUG CONSOLE tab shows Java code snippets related to the application's logic.

The TERMINAL tab shows the application's logs and the command used to run it.

The PORTS tab shows the application is listening on port 8081.

CSCE-548---Project

```
 SERVER_PORT=8081 mvn -q spring-boot:run -Dspring-boot.run.mainClass=com.campus.rsvp.api.RsvpApplication
```

Spring Boot (v3.3.2)

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [main] com.campus.rsvp.api.RsvpApplication : Starting RsvpApplication using Java 21.0.4 with PID 77271 (/Users/trevorndary/Documents/GitHub/CSCE-548---Project/target/classes started by trevorndary in /Users/trevorndary/yDocuments/GitHub/CSCE-548---Project)
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [main] com.campus.rsvp.api.RsvpApplication : No active profile set, falling back to 1 default profile: "default"
```

```
WebServer : Tomcat initialized with port 8081 (http://localhost:8081)
```

```
dService : Starting service [Tomcat]
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [main] o.apache.catalina.core.StandardEngine : Initializing Servlet engine: [Apache Tomcat/10.1.26]
```

```
[{ } : Initializing Spring embedded WebApplicationContext
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [main] o.a.c.c.C.Tomcat : [localhost/127.0.0.1:8081] Initialization completed in 322 ms
```

```
[{ } : Root WebApplicationContext: initialization completed in 322 ms
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [main] o.b.w.embedded.tomcat.Tomcat WebServer : Tomcat started on port 8081 [http://localhost:8081] (rsvpApp)
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [nio-8881-exec-1] o.a.c.c.Tomcat : Started RsvpApplication in 0.624 seconds (process running for 0.762)
```

```
[{ } : Initializing Spring DispatcherServlet 'dispatcherServlet'
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [nio-8881-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [nio-8881-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms
```

zsh + zsh

CSCE-548---Project

```
 SERVER_PORT=8081 mvn -q spring-boot:run -Dspring-boot.run.mainClass=com.campus.rsvp.api.RsvpApplication
```

Spring Boot (v3.3.2)

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [main] com.campus.rsvp.api.RsvpApplication : Starting RsvpApplication using Java 21.0.4 with PID 77271 (/Users/trevorndary/Documents/GitHub/CSCE-548---Project/target/classes started by trevorndary in /Users/trevorndary/yDocuments/GitHub/CSCE-548---Project)
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [main] com.campus.rsvp.api.RsvpApplication : No active profile set, falling back to 1 default profile: "default"
```

```
WebServer : Tomcat initialized with port 8081 (http://localhost:8081)
```

```
dService : Starting service [Tomcat]
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [main] o.apache.catalina.core.StandardEngine : Initializing Servlet engine: [Apache Tomcat/10.1.26]
```

```
[{ } : Initializing Spring embedded WebApplicationContext
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [main] o.a.c.c.C.Tomcat : [localhost/127.0.0.1:8081] Initialization completed in 322 ms
```

```
[{ } : Root WebApplicationContext: initialization completed in 322 ms
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [main] o.b.w.embedded.tomcat.Tomcat WebServer : Tomcat started on port 8081 [http://localhost:8081] (rsvpApp)
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [nio-8881-exec-1] o.a.c.c.Tomcat : Started RsvpApplication in 0.624 seconds (process running for 0.762)
```

```
[{ } : Initializing Spring DispatcherServlet 'dispatcherServlet'
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [nio-8881-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
```

```
2026-02-22T09:25:04.829+05:00 INFO 77271 — [nio-8881-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms
```

zsh + zsh

CSCE-548---Project

EXPLORER PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

CSCE-548---Project SERVER_PORT=8081 mvn -q spring-boot:run -Dspring-boot.run.mainClass="com.campus.rsvp.api.RsvpApiApplication"

Spring Boot (v3.3.2)

```
2026-02-22T09:25:04.824+05:00 INFO 77271 — [main] com.campus.rsvp.api.RsvpApiApplication : Starting RsvpApiApplication using Java 21.0.4 with PID 77271 (/Users/trevorndarby/Documents/GitHub/CSCE-548---Project/target/classes started by trevorndarby in /Users/trevorndarby)
```

2026-02-22T09:25:04.824+05:00 INFO 77271 — [main] com.campus.rsvp.api.RsvpApiApplication : No active profile set, falling back to 1 default profile: "default"

2026-02-22T09:25:04.824+05:00 INFO 77271 — [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port: 8081 (http://0.0.0.0:8081)

2026-02-22T09:25:04.824+05:00 INFO 77271 — [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]

2026-02-22T09:25:04.824+05:00 INFO 77271 — [main] o.apache.catalina.core.StandardEngine : Starting Servlet Engine: Apache Tomcat/10.1.26

[...] : Initializing Spring embedded WebApplicationContext

[...] : Context initialization started

2026-02-22T09:25:04.824+05:00 INFO 77271 — [main] o.a.c.c.C.[Tomcat@localhost-1] : Initializing Spring embedded WebApplicationContext

2026-02-22T09:25:04.824+05:00 INFO 77271 — [main] o.a.c.c.C.[Tomcat@localhost-1] : Initialization context: 532 ms

2026-02-22T09:25:04.824+05:00 INFO 77271 — [main] o.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port: 8081 (http with context path: "/")

2026-02-22T09:25:04.824+05:00 INFO 77271 — [main] com.campus.rsvp.api.RsvpApiApplication : Started RsvpApiApplication in 0.62 seconds (process running for 0.762)

[...] : Initializing Spring DispatcherServlet 'dispatcherServlet'

2026-02-22T09:25:04.824+05:00 INFO 77271 — [nio-8081-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'

[...] : Completed initialization in 1 ms

INFO 77271 — [nio-8081-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms

CSCE-548---Project %

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localhost:8081/api/events

Vintage Crew-Nec... Welcome - CSCE... SCCapstone/Embe... SCCapstone/resea... Computer Architec... sstd521/introduct... MATLAB Thinking as Comp... CSCE 355 Fenner British Swi... New Chrome available : All Bookmarks

Pretty-print □

```
[{"eventId":1,"title":"Welcome Back Bash","description":"Kickoff social with music and food trucks.","eventDate":"2026-02-10","startTime":"18:00:00","endTime":"21:00:00","venueId":1,"organizer":"Student Activities","category":"Social"}, {"eventId":2,"title":"AI Club Meetup","description":"Monthly meetup with a guest speaker.","eventDate":"2026-02-12","startTime":"17:30:00","endTime":"19:00:00","venueId":9,"organizer":"AI Club","category":"Tech"}, {"eventId":3,"title":"Resident Life Social","description":"Casual hangout with Resident Life staff and students under the stars with blankets and s'mores!","eventDate":"2026-02-13","startTime":"14:00:00","endTime":"16:30:00","venueId":16,"organizer":"Resident Life","category":"Social"}, {"eventId":4,"title":"Career Services Career Fair","description":"Job fair for students looking for internships and full-time opportunities. Bring resumes and network with employers from various industries.", "eventDate": "2026-02-14", "startTime": "19:30:00", "endTime": "22:00:00", "venueId": 16, "organizer": "Career Services", "category": "Career"}, {"eventId":5,"title":"Jazz Ensemble Performance","description":"Live student jazz performance. All are welcome to attend and enjoy the music.", "eventDate": "2026-02-15", "startTime": "20:00:00", "endTime": "21:30:00", "venueId": 15, "organizer": "Jazz Ensemble", "category": "Social"}, {"eventId":6,"title":"Hackathon Kickoff","description":"24-hour hackathon to encourage creativity and problem-solving skills. Prizes include cash and prizes.", "eventDate": "2026-02-16", "startTime": "18:00:00", "endTime": "08:00:00", "venueId": 15, "organizer": "Resident Life", "category": "Tech"}, {"eventId":7,"title":"Mindfulness Session","description":"A guided session on stress reduction and relaxation techniques. Perfect for anyone looking to improve their mental health and well-being.", "eventDate": "2026-02-17", "startTime": "08:00:00", "endTime": "09:00:00", "venueId": 7, "organizer": "Wellness Center", "category": "Wellness"}, {"eventId":8,"title":"Finance 101 Workshop","description":"Budgeting and personal finance tips.", "eventDate": "2026-02-18", "startTime": "12:00:00", "endTime": "13:30:00", "venueId": 16, "organizer": "Business Club", "category": "Career"}, {"eventId":9,"title":"Robotics Demo Day","description":"Robotics teams showcase builds.", "eventDate": "2026-02-19", "startTime": "15:00:00", "endTime": "17:00:00", "venueId": 12, "organizer": "Robotics Club", "category": "Academic"}, {"eventId":10,"title":"Volunteer Fair","description":"Local nonprofits recruit volunteers for various community service projects.", "eventDate": "2026-02-20", "startTime": "10:00:00", "endTime": "11:00:00", "venueId": 13, "organizer": "Volunteer Fair", "category": "Community"}, {"eventId":11,"title":"Sports Tournament","description":"Campus-wide gaming competition.", "eventDate": "2026-02-21", "startTime": "11:00:00", "endTime": "18:00:00", "venueId": 10, "organizer": "Sports Tournaments", "category": "Social"}, {"eventId":12,"title":"Poetry Night","description":"Open mic for poetry and spoken word.", "eventDate": "2026-02-22", "startTime": "19:00:00", "endTime": "20:30:00", "venueId": 13, "organizer": "Literary Society", "category": "Arts"}, {"eventId":13,"title":"Research Showcase","description":"Undergrad research poster session.", "eventDate": "2026-02-23", "startTime": "11:00:00", "endTime": "14:00:00", "venueId": 1, "organizer": "Undergrad Research", "category": "Academic"}, {"eventId":14,"title":"Sustainability Talk","description":"Speaker on campus sustainability.", "eventDate": "2026-02-24", "startTime": "16:00:00", "endTime": "17:00:00", "venueId": 10, "organizer": "Green Initiative", "category": "Academic"}, {"eventId":15,"title":"Intramural Signup","description":"Information session and registration.", "eventDate": "2026-02-25", "startTime": "17:00:00", "endTime": "18:00:00", "venueId": 8, "organizer": "Campus Recreation", "category": "Wellness"}]
```