Mocking Dependencies in Spring Tests using Mockito Output

Exercise 1: Mocking a Service Dependency in a Controller Test

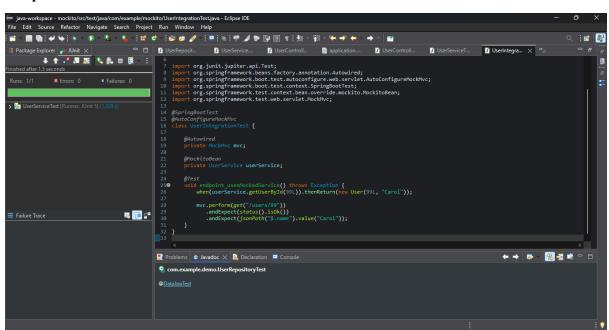
Output:

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Mocking the service layer via @WebMvcTest + @MockBean lets you focus purely on request/response behaviour without spinning up business logic.

Exercise 2: Mocking a Repository in a Service Test

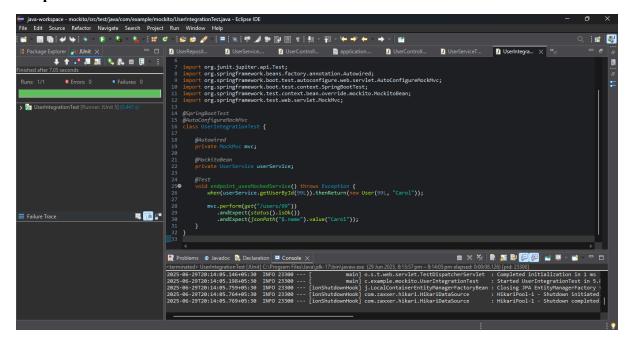
Output:



Replacing the repository with a Mockito mock (@ExtendWith(MockitoExtension.class)) isolates business rules from persistence and keeps tests lightning-fast.

Exercise 3: Mocking a Service Dependency in an Integration Test

Output:



In a full-context test (@SpringBootTest), mock only the external or slow components, e.g. remote services, to verify wiring while maintaining speed and determinism.