SEQUENTIAL:

```
🕯 Application 🗸 🕟 🌣 🔲 : 🗸 Q 🐯 🖃
      rip [demo] C:\Users\vinav\Downloads\zip
                                                                  import org.springframework.context.annotation.Configuration
                                                                                                                                                                                                  m
                                                                   import org.springframework.web.servlet.config.annotation.WebMvcConfigurer;
           main
                                                                  @Configuration
                     © ApiLoggingInterceptor
© DataBaseConfiguration
                                                                       private final ApiloggingInterceptor apiloggingInterceptor;
                     © ExecutorServiceConfig

∨ lontroller

                                                                                                                        : HHH000489: No JTA platform available (set 'hibernate.transaction
          .jta.platform' to enable JTA platform integration)
         2024-12-29716:18:28.784495:30 INFO 10508 --- [ restartedMain] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default' 2024-12-29716:18:31.246+05:30 WARN 10508 --- [ restartedMain] JpaBaseConfigurationSJpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database
         2024-12-29T16:18:32.506+05:30 INFO 10508 --- [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer 2024-12-29T16:18:32.610+05:30 INFO 10508 --- [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer
                                                                                                                       : LiveReload server is running on port 35729
: Tomcat started on port 8000 (http) with context path ''
         2024-12-29T16:18:32.631+05:30 INFO 10508 --- [ restartedMain] com.project.Application 2024-12-29T16:18:40.264+05:30 INFO 10508 --- [nio-8000-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/]
                                                                                                                        Started Application in 15.857 seconds (process running for 17.692)
Initializing Spring DispatcherServlet 'dispatcherServlet'
         2024-12-29T16:18:40.264+05:30 INFO 10508 --- [nio-8000-exec-1] o.s.web.servlet.DispatcherServlet 2024-12-29T16:18:40.265+05:30 INFO 10508 --- [nio-8000-exec-1] o.s.web.servlet.DispatcherServlet
                                                                                                                        Initializing Servlet 'dispatcherServlet'
Completed initialization in 1 ms
         2824-12-29716:18:40.384+05:38 INFO 10508 --- [nio-8000-exec-1] c.project.config.ApiLoggingInterceptor 2824-12-29716:18:40.397+05:30 INFO 10508 --- [nio-8000-exec-1] com.project.service.RedisService 2824-12-29716:18:41.185+05:30 INFO 10508 --- [nio-8000-exec-1] c.project.config.ApiLoggingInterceptor
                                                                                                                        Request [PUT] [/put/customer] from IP: 0:8:0:0:0:0:1
In Redis DELETE Method-----21
                                                                                                                       : Response [PUT] [/put/customer] Status: 200 Time Taken: 879 ms
                                                                                                                                                                     8:23 CRLF UTF-8 4 spaces rf
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 2024-12-29T16:18:32.610+05:30 INFO 10508 --- [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8000 (http) with context path ''
2024-12-29T16:18:32.631+05:30 INFO 10508 --- [ restartedMain] com.project.Application
                                                                                                                          Started Application in 15.857 seconds (process running for 17.692)
                                                                                                                          Initializing Spring DispatcherServlet 'dispatcherServlet'
2024-12-29T16:18:40.264+05:30 TNEO 10508
                                                 -- [nio-8000-exec-1] o.s.web.servlet.DispatcherServlet
                                                                                                                          Initializing Servlet 'dispatcherServlet'
2024-12-29T16:18:40.265+05:30 INFO 10508
                                                 -- [nio-8000-exec-1] o.s.web.servlet.DispatcherServlet
                                                                                                                          Completed initialization in 1 ms
                                                    [nio-8000-exec-1] c.project.config.ApiLoggingInterceptor
                                                                                                                          Response [PUT] [/put/customer] Status: 200 Time Taken: 879 ms
2024-12-29T16:19:55.470+05:30 INFO 10508
2024-12-29T16:19:55.473+05:30 INFO 10508 ---
                                                    [nio-8000-exec-5] com.project.service.CustomerService
                                                                                                                          IN CUSTOMER SERVICE
                                                                                                                          In Redis GET Method-----21
2024-12-29T16:19:55.473+05:30 INFO 10508
                                                    [nio-8000-exec-5] com.project.service.RedisService
2024-12-29T16:19:55.476+05:30 INFO 10508
                                                    [nio-8000-exec-5] com.project.service.RedisService
                                                                                                                          CUSTOMER FORM CACHEnull
2024-12-29T16:19:55.477+05:30 INFO 10508 ---
                                                    [nio-8000-exec-5] com.project.service.CustomerService
                                                                                                                          IN CUSTOMER CACHE MISS
2024-12-29T16:19:55.492+05:30 INFO 10508 ---
                                                                                                                          In Redis Save Method-----21com.project.eo.Customer@b927ef4
2024-12-29T16:19:55.596+05:30 INFO 10508 --- [nio-8000-exec-5] c.project.config.ApiLogqingInterceptor
   24-12-29T16:18:40 264+05:30 INFO 10508
                                                       [nio-8000-exec-1] o.s.web.servlet.DispatcherServlet
                                                                                                                               Initializing Servlet 'dispatcherServlet'
2024-12-29T16:18:40.265+05:30 INFO 10508 --- [nio-8000-exec-1] o.s.web.servlet.DispatcherServlet
                                                                                                                             : Completed initialization in 1 ms
2024-12-29T16:18:40.304+05:30 INFO 10508 --- [nio-8000-exec-1] c.project.config.ApiLoggingInterceptor
                                                                                                                            : Request [PUT] [/put/customer] from IP: 0:0:0:0:0:0:0:1
2024-12-29T16:18:40.397+05:30 INFO 10508 --
                                                      [nio-8000-exec-1] com.project.service.RedisService
                                                                                                                               In Redis DELETE Method-----21
2024-12-29T16:18:41.185+05:30 INFO 10508 --- [nio-8000-exec-1] c.project.config.ApiLoggingInterceptor
                                                                                                                              Response [PUT] [/put/customer] Status: 200 Time Taken: 879 ms
                                                                                                                               Request [GET] [/get/customer] from IP: 0:0:0:0:0:0:0:0:1
2024-12-29T16:19:55.470+05:30 INFO 10508
                                                       [nio-8000-exec-5] c.project.config.ApiLoggingInterceptor
                                                                                                                               IN CUSTOMER SERVICE
                                                                                                                              CUSTOMER FORM CACHEnull
2024-12-29T16:19:55.477+05:30 INFO 10508 --- [nio-8000-exec-5] com.project.service.CustomerService
                                                                                                                              IN CUSTOMER CACHE MISS
                                                                                                                              In Redis Save Method-----21com.project.eo.Customer@b927ef4
2024-12-29T16:19:55.492+05:30 INFO 10508 --- [nio-8000-exec-5] com.project.service.RedisService
2024-12-29T16:19:55.506+05:30 INFO 10508 -
                                                                                                                              Response [GET] [/qet/customer] Status: 200 Time Taken: 36 ms
                                                    - [nio-8000-exec-5] c.project.config.ApiLoggingInterceptor
                                                                                                                              Request [GET] [/get/all] from IP: 0:0:0:0:0:0:0:1
                                                                                                                              In Redis GET ALL Method-----all
 2024-12-29T16:20:10.731+05:30 INFO 10508 --- [nio-8000-exec-6] c.project.config.ApiLoggingInterceptor
                                                                                                                              Response [GET] [/get/all] Status: 200 Time Taken: 32 ms
.
2024-12-29T16:21:24.010+05:30 INFO 10508 --- [nio-8000-exec-8] c.project.confiq.ApiLoqqinqInterceptor
                                                                                                                              Request [GET] [/get/customer] from IP: 0:0:0:0:0:0:0:1
                                                                                                                              IN CUSTOMER SERVICE
                                                                                                                              In Redis GET Method-----14
2024-12-29T16:21:24.013+05:30 INFO 10508 ---
                                                                                                                             CUSTOMER FORM CACHEDULL
2024-12-29T16:21:24.014+05:30 INFO 10508 --- [nio-8000-exec-8] com.project.service.CustomerService
                                                                                                                            : IN CUSTOMER CACHE MISS
                                                                                                                             In Redis Save Method------14com.project.eo.Customer@498337f8
2024-12-29T16:21:24.021+05:30 INFO 10508 --- [nio-8000-exec-8] com.project.service.RedisService
2024-12-29T16:21:24.026+05:30 INFO 10508 --- [nio-8000-exec-8] c.project.config.ApiLoggingInterceptor
                                                                                                                           : Response [GET] [/get/customer] Status: 200 Time Taken: 15 ms
```

PARALLEL:

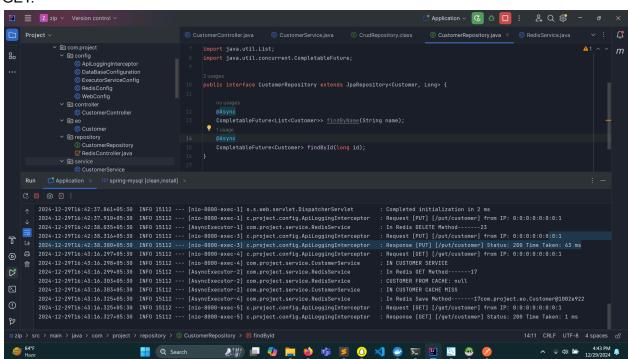
PUT:

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Project \

∨ Image: Value of the valu
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                                               © ApiLoggingInterceptor
80
                                                        O DataBaseConfiguration
                                                       © ExecutorServiceConfig
© RedisConfig
                                                                                                                                                                     public interface CustomerRepository extends JpaRepository<Customer, Long> {
                                                       © WebConfig
                                            ∨ i controller
© Custom
                                             ✓ l eo
                                                          Customer
                                               repository

① CustomerRepository
                                                                                                                                                                               CompletableFuture<Customer> findById(long id);
                                                       RedisController.java
                                             S service
C CustomerService
          G 🔳 🙆 🕣
                      2024-12-29T16:42:06.774+05:30 INFO 15112 --- [ restartedMain] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default' 2024-12-29T16:42:09.091+05:30 WARN 15112 --- [ restartedMain] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database
                   queries may be performed during view rendering. Explicitly configure spring.jpa.open-in-view to disable this warning 2024-12-29716:42:10.317405:30 INFO 15112 --- [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload st 2024-12-29716:42:10.429465:30 INFO 15112 --- [ restartedMain] o.s.b.w.enbedded.tomcat.TomcatWebServer : Tomcat tact 2024-12-29716:42:10.454+05:30 INFO 15112 --- [ restartedMain] com.project.Application : Started Appli
                                                                                                                                                                                                                                                                                                                          : Tomcat started on port 8000 (http) with context path ''
: Started Application in 15.883 seconds (process running for 17.434)
                      2024-12-29T16:42:37.856+05:30 INFO 15112 --- [nio-8000-exec-1] o.a.c.c.C.[Tomcat].[tocalhost].[/] 2024-12-29T16:42:37.858+05:30 INFO 15112 --- [nio-8000-exec-1] o.s.web.servlet.DispatcherServlet
                                                                                                                                                                                                                                                                                                                             Initializing Spring DispatcherServlet 'dispatcherServlet'
Initializing Servlet 'dispatcherServlet'
                       2824-12-29716:42:37.861+85:39 INFO 15112 --- [nio-8800-exec-1] o.s.web.servlet.DispatcherServlet 2924-12-29716:42:37.910+95:30 INFO 15112 --- [nio-8000-exec-1] c.project.config.ApiLoggingInterceptor
                                                                                                                                                                                                                                                                                                                             Completed initialization in 2 ms
Request [PUT] [/put/customer] from IP: 0:0:0:0:0:0:0:0:1
                        2024-12-29T16:42:38.316+05:30 INFO 15112 --- [nio-8000-exec-3] c.project.config.ApiLoggingInterceptor
                                                                                                                                                                                                                                                                                                                          : Request [PUT] [/put/customer] from IP: 0:0:0:0:0:0:0:1
                         2024-12-29T16:42:38.380+05:30 INFO 15112 --- [nio-8000-exec-3] c.project.config.ApiLoggingInterceptor
안
□ zip > src > main > java > com > project > repository > ① CustomerRepository > ⑩ findByld
                                                                                                                                                                                                                                                                                                                                                                                                                                                    14:11 CRLF UTF-8 4 spaces எ
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