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|  | **Subject** | **Questions / Assignments** | **Status** | **Time** | **Start date** | **Due on** |  |
|  | Spring Tool | What is STS and how is it benificial ? | Not started | 4 Hrs | 25/12/2020 | 28/12/2020 |  |
|  | Java Generics | What are Java Generics and how when was this introduced what is the purpose ? | Not started |  | 25/12/2020 | **25/12/2020** |  |
|  | Spring Boot | What are the various components of Spring Framework ? | Not started |  | 25/12/2020 | **25/12/2020** |  |
|  | Spring Boot | How does Spring boot support micro services | Not started |  | 25/12/2020 | **25/12/2020** |  |
|  | Kubernetes | How does kubernetes do? | Not started |  | 25/12/2020 |  |  |
|  | Kubernetes | How does kubernetes help application deployment / support | Not started |  | 25/12/2020 |  |  |
|  | Google Cloud | What is GC and how does it help distributed computine ? | Not started |  | 25/12/2020 |  |  |
|  | Google Cloud | What do you know about GCP? | Not started |  | 25/12/2020 |  |  |
|  | Google Cloud | How do Kubernetes sit on GC ? | Not started |  | 25/12/2020 |  |  |
|  | CIMM2BC | What is CIMM to BC | Not started | 2 Hrs | 25/12/2020 |  |  |
|  | CIM-ESB | What is CIMM ESB | Not started | 2 Hrs | 25/12/2020 |  |  |
|  | Spring Boot | How ports play important roles in Spring Boot | Not started |  | 25/12/2020 |  |  |
|  | BatchFiles | What are batch files and shell scipts used for ? | Not started |  | 25/12/2020 |  |  |
|  | Git Hub | Git Checkout | Not started |  | 25/12/2020 |  |  |
|  | Git Hub | Git Merge | Not started |  | 25/12/2020 |  |  |
|  | Git Hub | Git pull | Not started |  | 25/12/2020 |  |  |
|  | Git Hub | Git push | Not started |  | 25/12/2020 |  |  |
|  | Git Hub | Git commit | Not started |  | 25/12/2020 |  |  |
|  | Git Hub | Fork | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | @Resource | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | @Lazy | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | @Autowired | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | @Value | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | @ApiOperation | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | @PostMapping | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | @ApiParam | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | @Api(value="abc"), what does it mean? | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | @RestCotroller | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | @RequestMapping | Not started |  | 25/12/2020 |  |  |
|  | General Questions | Map<String, Object> tempObject = null what does this do ? | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | ResponseEntity class and its importance ? | Not started |  | 25/12/2020 |  |  |
|  | General Questions | What are the http error codes used for ? | Not started |  | 25/12/2020 |  |  |
|  | Spring Boot | How does REST program in Spring work? | Not started |  | 25/12/2020 |  |  |
|  | General Questions | What is abstract prattern in Design Pattern? | Not started |  | 25/12/2020 |  |  |
|  | General Questions | How do you make a class abstract and what does it mean to make a class abstract, give an example. | Not started |  | 25/12/2020 |  |  |
|  | Spring Tool | @RequestBody | Not started |  | 25/12/2020 |  |  |
|  | General Questions | How does Interface help java programming or object oriented programming ? | Not started |  | 25/12/2020 |  |  |
|  | General Questions | Waht does this mean : public static final Abc<?> EMPTY = new Abc<>(); | Not started |  | 25/12/2020 |  |  |
|  | General Questions | Do you know how to debug in Eclipse ? | Not started |  | 25/12/2020 |  |  |
|  | General Questions | What were the technical code related problems that you faced in you previous organization and how did you resolve this? | Not started |  | 25/12/2020 |  |  |
|  | General Questions | What was your role in resolving the problem? | Not started |  | 25/12/2020 |  |  |
|  | General Questions | Why do we Serialize the classes? | Not started |  | 25/12/2020 |  |  |
|  | General Questions | Have you heard of Jackson annotations framework? | Not started |  | 25/12/2020 |  |  |
|  | General Questions | @JsonIgnore ? what does this do? | Not started |  | 25/12/2020 |  |  |
|  | General Questions | What are enumerations used for? | Not started |  | 25/12/2020 |  |  |
|  | General Questions | What is the general meeing of Seeding in Enterprise Integration? | Not started |  | 25/12/2020 |  |  |
|  | Maven | How does Maven Build work? | Not started |  | 25/12/2020 |  |  |
|  | Maven | What are the main Maven commands that you are aware of? | Not started |  | 25/12/2020 |  |  |
|  | Maven | How do you compile a project using Maven Framework? | Not started |  | 25/12/2020 |  |  |
|  | Maven | What is the general outcome of Maven Clean Install ? | Not started |  | 25/12/2020 |  |  |

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| **Subject** | **Questions / Assignments** | **Status** | **Time** | **Start date** | **Due on** |
| Spring Boot | @SpringBootApplication | Not started |  | 25/12/2020 |  |
| General Questions | Have you heard of SOLR ? | Not started |  | 25/12/2020 |  |
| General Questions | Why .yml files are used and what are they? | Not started |  | 25/12/2020 |  |
| General Questions | How to unit test Springboot Application? | Not started |  | 25/12/2020 |  |
| General Questions | What is a POJO class ? | Not started |  | 25/12/2020 |  |
| General Questions | What do you think qualify engineering activities in an product? | Not started |  | 25/12/2020 |  |
| Maven | How to create dependencies among projects using Maven? | Not started |  | 25/12/2020 |  |
| Maven | What is CI/CD? | Not started |  | 25/12/2020 |  |
| Spring Tool | @Service, what does this mean? | Not started |  | 25/12/2020 |  |
| Spring Boot | How do you supply command line parameters to the Spring Boot Application? | Not started |  | 25/12/2020 |  |
| General Questions | What are container deployment models? | Not started |  | 25/12/2020 |  |
| General Questions | What does : public static final, declaration do? | Not started |  | 25/12/2020 |  |
| General Questions | How do you log in spring boot | Not started |  | 25/12/2020 |  |
| General Questions | What so you consider when designing an enterprise application | Not started |  | 25/12/2020 |  |
| General Questions | What are is a design pattern? | Not started |  | 25/12/2020 |  |
| General Questions | What is factory pattern? | Not started |  | 25/12/2020 |  |
| General Questions | What are qualifiers in java? | Not started |  | 25/12/2020 |  |
| General Questions | When do you use abstract? | Not started |  | 25/12/2020 |  |
| Spring Boot | Various modules of Spring Application ? | Not started |  | 25/12/2020 |  |
| Spring Boot | Various components of Spring application ? | Not started |  | 25/12/2020 |  |
| DI | What is Dependency Injection? how is this benificial | Not started |  | 25/12/2020 |  |
| Inversion of Control | What are the types of IoC? | Not started |  | 25/12/2020 |  |
| Inversion of Control | What is an IoC? | Not started |  | 25/12/2020 |  |
| DI | What is AOP? | Not started |  | 25/12/2020 |  |
| Spring Boot | What are Spring Beans? | Not started |  | 25/12/2020 |  |
| Spring Boot | What are various bean scopes? | Not started |  | 25/12/2020 |  |
| Spring Boot | How do you add bean to spring? | Not started |  | 25/12/2020 |  |
| Spring Boot | Define Bean life cycle? | Not started |  | 25/12/2020 |  |
| Spring Boot | What are the 4 ways of injecting Java Collection to Spring? | Not started |  | 25/12/2020 |  |
| Spring Boot | @Before | Not started |  | 25/12/2020 |  |
| Spring Boot | @AfterReturing | Not started |  | 25/12/2020 |  |
| Spring Boot | @AfterThrowing | Not started |  | 25/12/2020 |  |
| Spring Boot | @After | Not started |  | 25/12/2020 |  |
| Spring Boot | @Around | Not started |  | 25/12/2020 |  |
| General Questions | Define Different Parts fo DispatcherServlet? | Not started |  | 25/12/2020 |  |
| Spring Boot | What is proxy in Spring? | Not started |  | 25/12/2020 |  |
| Spring Boot | Programatic Transaction Management. How is this achieved in Spring? | Not started |  | 25/12/2020 |  |

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| Subject | Spring Tool |
| Question | What is STS and how is it beneficial? |
| Answer | STS is abbreviated as “Spring Tool Suite”, It is an Eclipse based development environment, it is customized specifically for Spring Application.  It provides ready to use environment to implement, debug, run and deploy Spring applications.  It also includes integration for Pivotal tc(**t**om**c**at) Server, Pivotal Cloud Foundry, Git, Maven and AspectJ |