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| **Serial No** | 1/3 |
| **Program description** | Develop a web application to cover below topics.  Hibernate CRUD Features: Create, Read, Update and Delete. |
| **Technologies to use** | Hibernate & **H2 database** |
| **Concepts to use** | Hibernate CRUD Features: Create, Read, Update and Delete. |
| **Validations required** | NA |
| **Sample Input** |  |
| **Expected output** | Display result on web page for each different topic. |

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| --- | --- |
| **Serial No** | 2/3 |
| **Program description** | Develop a web application to cover below topics.  Hibernate Advanced Mappings - @OneToOne |
| **Technologies to use** | Hibernate & **Oracle or PostgreSQL database** |
| **Concepts to use** | Hibernate Advanced Mappings - @OneToOne |
| **Validations required** | NA |
| **Sample Input** |  |
| **Expected output** | Display result on web page for each different topic. |

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| --- | --- |
| **Serial No** | 3/3 |
| **Program description** | Develop a web application to cover below topics.  Hibernate Advanced Mappings - Eager vs Lazy Loading,  Hibernate Advanced Mappings - @OneToMany - Unidirectional |
| **Technologies to use** | Hibernate & **MySQL database** |
| **Concepts to use** | Hibernate Advanced Mappings - Eager vs Lazy Loading,  Hibernate Advanced Mappings - @OneToMany - Unidirectional |
| **Validations required** | NA |
| **Sample Input** |  |
| **Expected output** | Display result on web page for each different topic. |