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Modern Application Development (Java Spring Boot) Assignment -2

1.

- **update commands in mysql:**

```
<html>
<body>
   <?php
   #updating a record using the primary key in the database
    function OpenCon()
    {
    $dbhost = "localhost";
    $dbuser = "root";
    $dbpass = "akash@123";
    $db = "akash";
    $conn = new mysqli($dbhost, $dbuser,"",$db) or die("Connect failed: %s\n". $conn ->
error);
    return $conn;
    }

   function CloseCon($conn)
    {
    $conn -> close();
    }

    $conn = OpenCon();
    echo "Connected Successfully";

     $sql = "UPDATE employee SET name='hemanth' WHERE eid=123456";

     if ($conn->query($sql) === TRUE) {
       echo "Record updated successfully";
     } else {
       echo "Error updating record: " . $conn->error;
```

```
    }
    CloseCon($conn);
?>
   </body>
</html>
```

- **Delete in mysql**

```
<html>
<body>
   <?php
   #updating a record using the primary key in the database
    function OpenCon()
    {
    $dbhost = "localhost";
    $dbuser = "root";
    $dbpass = "akash@123";
    $db = "akash";
    $conn = new mysqli($dbhost, $dbuser,"",$db) or die("Connect failed: %s\n". $conn ->
error);
    return $conn;
    }

   function CloseCon($conn)
    {
    $conn -> close();
    }

    $conn = OpenCon();
    echo "Connected Successfully";

     $sql = "delete employee SET name='hemanth' WHERE eid=123456";

     if ($conn->query($sql) === TRUE) {
```

```
      echo "Record updated successfully";
    } else {
      echo "Error updating record: " . $conn->error;
    }
   CloseCon($conn);
?>
  </body>
</html>
```

2. Create and Join in mysql:

MariaDB [intern]> create table student(-> reg_no varchar(20),

-> Student_name varchar(20),

-> phone int(15),

-> mail varchar(30)

-> Project_id int(20));

Query OK, 0 rows affected (0.318 sec)

MariaDB [intern]> create table p_details(-> Project_Title varchar(20),

-> Project_id int(20));

-> Project_abstract varchar(255),

-> project_functionalities varchar(255),

-> resources_required varchar(255),

-> file varchar(255));

Query OK, 0 rows affected (0.185 sec)

MariaDB [intern]>select Student. student_name, P_details. Project_abstract, Student.mail

From Student

Inner join P_details on Student. Project_id =P_details. Project_id ;

3.

- **Update in mongo db**

```
const {MongoClient} = require('mongodb');
async function main(){

   const uri = "mongodb://127.0.0.1:27017/";


   const client = new MongoClient(uri);

   try {
      // Connect to the MongoDB cluster
      await client.connect();

      await updateUserSummary(client, "hemanth", { summary:"Updated summary"});

   } catch (e) {
      console.error(e);
   } finally {
      await client.close();
   }
}

main().catch(console.error);


async function updateUserSummary(client, username, updatedSummary){const result = await client.db("intern").collection("vscode").updateOne({ name: username }, { $set: updatedSummary });

   console.log(`${result.matchedCount} document(s) matched the query criteria.`);
   console.log(`${result.modifiedCount} document(s) was/were updated.`);
}
```

- **Delete in mongo db**

```
const {MongoClient} = require('mongodb');
async function main(){

   const uri = "mongodb://127.0.0.1:27017/";


   const client = new MongoClient(uri);

   try {
      // Connect to the MongoDB cluster
      await client.connect();

      await deleteByName(client, "Ram");

   } catch (e) {
      console.error(e);
   } finally {
      await client.close();
   }
}

main().catch(console.error);

async function deleteByName(client, nameOfUser) {const result = await client.db("intern").collection("vscode").deleteOne({ name: nameOfUser });
console.log(`${result.deletedCount} document(s) was/were deleted.`);
}
```

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