Create procedure or functions for employee table

1. Add 5000 bonus to all employee
2. Print same name employees
3. Print highest and lowest salary from employee table

id	name	salary
1	Sai	70000
2	Sai	75000
3	Nikhil	65000
4	Rao	70000
5	Priya	80000

```
package JDbc_conn;

import java.sql.*;

public class Callable_Statement1 {

public static void main(String[] args) {
// TODO Auto-generated method stub
String url = "jdbc:mysql://localhost:3306/db";
 String user = "root";
 String password = "j12@KOTA";
 try (Connection con = DriverManager.getConnection(url, user, password))
 {
       CallableStatement cst = con.prepareCall("{CALL getEmployeeSalary1()}");
       ResultSet rs = cst.executeQuery();
       System.out.println("Highest Salary \t LowestSalary");
 System.out.println("-------------- -------------");
 if (rs.next()) {
System.out.println(rs.getInt(1)+"\t\t\t"+rs.getInt(2));
}

 }
 catch (SQLException e) {
 e.printStackTrace();
 }
 }
```

}

```
Highest Salary    LowestSalary
--------------     -------------
70000                    55000
```

```java
package JDbc_conn;

import java.sql.*;

public class Callable_Statement2 {

public static void main(String[] args) {
// TODO Auto-generated method stub
String url = "jdbc:mysql://localhost:3306/db";
 String user = "root";
 String password = "j12@KOTA";
 try (Connection con = DriverManager.getConnection(url, user, password))
 {
       CallableStatement cst = con.prepareCall("{CALL getBonus()}");
       ResultSet rs = cst.executeQuery();
       System.out.println("ID\tNAME\tSalary");
 System.out.println("---------------------------");
 while (rs.next()) {
System.out.println(rs.getInt(1)+"\t"+rs.getString(2)+"\t"+rs.getInt(3));
}


 }
 catch (SQLException e) {
 e.printStackTrace();
 }
 }


}
```

```
ID      NAME    Salary
---------------------------
1       Sai     75000
2       Sai     80000
3       Nikhil  70000
4       Rao     75000
5       Priya   85000
```

```java
package JDbc_conn;

import java.sql.*;

public class Callable_Statement3 {

public static void main(String[] args) {
// TODO Auto-generated method stub
String url = "jdbc:mysql://localhost:3306/db";
 String user = "root";
 String password = "j12@KOTA";
 try (Connection con = DriverManager.getConnection(url, user, password))
 {
       CallableStatement cst = con.prepareCall("{CALL getUniqueNames()}");
       ResultSet rs = cst.executeQuery();
       System.out.println("NAME\tCount");
 System.out.println("---------------------------");
 while (rs.next()) {
System.out.println(rs.getString(1)+"\t"+rs.getInt(2));
}


 }
 catch (SQLException e) {
 e.printStackTrace();
 }
 }


}
```

```
NAME    Count
---------------------------
Sai     2
```

2. Create procedure or functions for Hospital table

1. print avg patient count on daily basis

2. print all the patients whose belong to same ward

3. arrange the patients list according their admission date

```
create table hospital(id int,name varchar(50),admitteddate date,wardnum int);
insert into hospital values(1,'Sai','2025-08-02',3);
insert into hospital values(2,'Eswar','2025-08-03',2);
insert into hospital values(3,'Kumar','2025-08-04',2);
insert into hospital values(4,'hari','2025-08-02',3);
```

```
package JDbc_conn;

import java.sql.CallableStatement;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;

public class Callable_Statement4 {
```

```
public static void main(String[] args) {
String url = "jdbc:mysql://localhost:3306/db";
   String user = "root";
   String password = "j12@KOTA";
   try (Connection con = DriverManager.getConnection(url, user, password))
   {
         CallableStatement cst = con.prepareCall("{CALL getorderedbyaddate()}");
         ResultSet rs = cst.executeQuery();
         System.out.println("ORDERED BY ADMITTED DATE\n");
         System.out.println("ID\tNAME\tAdmitted Date\tWarddNumber");
      System.out.println("---------------------------------------");
      while (rs.next()) {

System.out.println(rs.getInt(1)+"\t"+rs.getString(2)+"\t"+rs.getDate(3)+"\t"+rs.getInt(4));
        }



      CallableStatement cst1 = con.prepareCall("{CALL getavgpatientcount() }");
      ResultSet rs1 = cst1.executeQuery();
      System.out.println("\nAverage Patient Count\n");
         System.out.println("Admitted Date\tPatient Count\tAveragecount");
      System.out.println("---------------------------------------");
      while (rs1.next()) {
          System.out.println(rs1.getDate(1)+"\t"+rs1.getInt(2)+"\t\t"+rs1.getFloat(3));
        }
```

```
      CallableStatement cst2 = con.prepareCall("{CALL getsameward() }");
      ResultSet rs2 = cst2.executeQuery();
      System.out.println("\nWard wise Patient Count\n");
           System.out.println("WardNumber \tPatient Count\t");
      System.out.println("---------------------------------------");
      while (rs2.next()) {
            System.out.println(rs2.getInt(1)+"\t\t"+rs2.getInt(2));
        }



    }
    catch (SQLException e) {
      e.printStackTrace();
    }

}

}
```

ORDERED BY ADMITTED DATE

ID	NAME	Admitted Date	WarddNumber
1	Sai	2025-08-02	3
4	hari	2025-08-02	3
2	Eswar	2025-08-03	2
3	Kumar	2025-08-04	2

Average Patient Count

Admitted Date	Patient Count	Averagecount
2025-08-02	2	1.3333
2025-08-03	1	1.3333
2025-08-04	1	1.3333

Ward wise Patient Count

WardNumber	Patient Count
3	2
2	2