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

```
package jdbc_connectivity;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.CallableStatement;

import java.sql.ResultSet;

public class Employee_procedure {

	public static void main(String[] args) {

		try {

			Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/mydb", "root", "admin");


			//	add bonus

			CallableStatement cs = con.prepareCall("CALL add_bonus()");

			cs.execute();


			// same name employees
```

```
                    cs = con.prepareCall("SELECT
get_same_name_employees()");
                    ResultSet rs = cs.executeQuery();
                    while (rs.next()) {
                        System.out.println("Same name
employees: " + rs.getString(1));
                    }

                    //    to get highest and lowest salary
                    cs = con.prepareCall("CALL
get_highest_lowest_salary()");
                    rs = cs.executeQuery();
                    while (rs.next()) {
                        System.out.println("Highest
salary: " + rs.getBigDecimal(1));
                        System.out.println("Lowest
salary: " + rs.getBigDecimal(2));
                    }
                } catch (Exception e) {
                    System.out.println(e);
                }
            }
        }
```

Output:

Same name employees:
Highest salary: 120000
Lowest salary: 100000

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

```
package jdbc_connectivity;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.CallableStatement;

import java.sql.ResultSet;


public class Hospital {


	public static void main(String[] args) {

		try {

				Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:33
06/mydb", "root", "root");
```

```
patient count on daily basis
                    CallableStatement cs =
con.prepareCall("CALL avg_patient_count()");
                    ResultSet rs = cs.executeQuery();
                    System.out.println("Average patient
count on daily basis:");
                    while (rs.next()) {
                        System.out.println(rs.getDate(1)
+ " " + rs.getInt(2));
                    }
who belong to the same ward
                    CallableStatement cs1 =
con.prepareCall("SELECT
get_same_ward_patients('Cardiology')");
                    ResultSet rs1 = cs1.executeQuery();
                    System.out.println("\nPatients in
Cardiology ward:");
                    while (rs1.next()) {

System.out.println(rs1.getString(1));
                    }
                    CallableStatement cs2 =
con.prepareCall("CALL
arrange_patients_by_admission_date()");
```

```
                    ResultSet rs2 = cs2.executeQuery();
                    System.out.println("\nPatients list
arranged by admission date:");
                    while (rs2.next()) {
                        System.out.println(rs2.getInt(1)
+ " " + rs2.getString(2) + " " + rs2.getString(3) + " " +
rs2.getDate(4));
                    }
                } catch (Exception e) {
                    System.out.println(e);
                }
            }

        }
```

Output:

Average patient count on daily basis:
2022-01-01 1
2022-01-02 1
2022-01-03 1
2022-01-04 1

Patients in Cardiology ward:
Manasa

Neeva sharma

Robin sharma

Alexa

Patients list arranged by admission date:
1 Manasa Cardiology 2022-01-01
2 Neeva sharma Cardiology 2022-01-02
3 Robin sharma Neurology 2022-01-03
4 Alexa Cardiology 2022-01-04
package Assesement_day12;