```java
package Birthday Manager;
import java.time.LocalDate;
public class Birthday {

    private int id;
    private string name;
    private LocalDate dob;

    public Birthday (int id, string name, LocalDate dob) {
        this.id = id;
        this.name = name;
        this.dob = dob;
    }

    public int getid() { return id;}
    public string getName() { return name;}
    public LocalDate getDob() { return dob;}

    public void setID (int id) { this.id = id;}
    public void setName (string name { this.name = name;}
    public void setDob (LocalDate dob) { this.dob = dob;}

}
```

```java
Package Birthday_Manager;

import javafx.collections.*;
import javafx.fxml.FXML;
import javafx.scene.control.*;
import javafx.scene.input.MouseEvent;

import java.time.LocalDate;
import java.util.List;

public class BirthdayController {

@FXML private TableView<Birthday> table;
@FXML private TableColumn<Birthday, Integer> colId;
@FXML private TableColumn<Birthday, String> colName;
@FXML private TableColumn<Birthday, LocalDate> colDob;
@FXML private TextField namefield, searchField;
@FXML private DatePicker dobPicker;
@FXML private Label labelToday;

private ObservableList<Birthday> birthdayList;
```

```java
@FXML
public void initialize() {
    colID.setCellValueFactory(new javafx.scene.control.cell.
        PropertyValueFactory<>("id"));
    colName.setCellValueFactory(new javafx.scene.control.cell.
        PropertyValueFactory<>("name"));
    colDob.setCellValueFactory(new javafx.scene.control.cell.
        PropertyValueFactory<>("dob"));

    refreshTable();
    checkTodayBirthday();

    table.setOnMouseClicked(MouseEvent e) -> {
        Birthday b = table.getSelectionModel().getSelectedItem
        if (b != null) {
            nameField.setText(b.getName());
            dobPicker.setValue(b.getDob());
        }
    });
}
```

```java
public void refresh Table ( ) {
    List <Birthday> list = BirthdayDAO.get AllBirthdays ( );
    birthday List = Fx collections.observable Array List (list);
    table.setItems (birthday List);
}

public void handleAdd ( ) {
    BirthdayDAO. add Birthday (namefield. get Text () ,dobPicker.
                                getValue ( ) );
    refresh Table ( );
}

public void handle Update ( ) {
    Birthday b = table. get selectionModel() .get selected Item(),
    if (b! = null) {
        BirthdayDAO.delete Birthday (b.get ID ());
        BirthdayDAO.Update Birtday (b.get Id (),namefield ,get Text () .dobPicker.
        refresh Table ( );                          getValue());
    }
}
```

```java
public void handleDelete() {
    Birthday b = table.getSelectionModel().getSelectedItem();
    if (b != null) {
        BirthdayDAO.deleteBirthday(b.getID());
        refreshTable();
    }
}

public void handleSearch() {
    String keyword = searchField.getText();
    List<Birthday> list = BirthdayDAO.searchBirthdays
                                        (keyword);
    BirthdayList = FXcollections.observableArrayList
                                        (list);
    table.setItem(birthdayList);
}

public void handleShowAll() {
    refreshTable();
}
```

```java
private void checkTodayBirthday() {
    LocalDate today = LocalDate.now();
    StringBuilder sb = new StringBuilder();
    for (Birthday b: BirthdayDAO.getAllBirthdays()) {
        if (b.getDob().getDayOfMonth() == today.getD
                    today.getDayofMonth() &&
            b.getDob().getMonth() == today.getMonth()) {
            sb.append(b.getName()).append("  ");
        }
    }
    LabelToday.setText("আজকের জন্মদিন : " + sb.length
            > 0 ? sb.toString() : "কেউ নেই"));
```

```java
package Birthday-Manager;
import java.sql.connection;
import java.sql.d DrivenManager;
import java.sql.*;

public class DatabaseConnection {
    public da
    private static final String URL = "jdbc:mysql://Localhost:3306/birthdaydb";
    private static final String USER = "root";
    private static final String PASSWORD = "shakib77";

    public static connection getConnection() throws
        SQLException {
            return DrivenManager.getConnection(URL, USER,
                                    PASSWORD);
        }
}
```

```
package Birthday-Manager

import javafx.application.Application;
import javafx.fxml.FXMLLoader;
import javafx.scene.*;
import javafx.stage.stage;

public class main extends Application {
  @Override
  public void start(Stage stage) throws Exception {
    parent root = FXMLLoader.load(getClass().
            getResource("BirthdayView.fxml"))

    scene scene = new Scene(root);
    stage.setTitle("प्रमाणित कार्यशाला"),
    stage.setScene(scene);
    stage.show();
  }
  public static void main(String args[]){
    launch(args);}
}
```