

1)hello-view.fxml

```
<?xml version="1.0" encoding="UTF-8"?>

<?import javafx.geometry.Insets?>
<?import javafx.scene.control.Label?>
<?import javafx.scene.layout.VBox?>

<?import javafx.scene.control.Button?>
<VBox alignment="CENTER" spacing="20.0" xmlns:fx="http://javafx.com/fxml"
    fx:controller="com.example.demo1.HelloController">
    <padding>
        <Insets bottom="20.0" left="20.0" right="20.0" top="20.0"/>
    </padding>

    <Label fx:id="welcomeText"/>
    <Button text="Hello!" onAction="#onHelloButtonClick"/>
</VBox>
```

2>HelloController.java

```
package com.example.demo1;

import javafx.fxml.FXML;
import javafx.scene.control.Label;

public class HelloController {
    @FXML
    private Label welcomeText;

    @FXML
    protected void onHelloButtonClick() {
        welcomeText.setText("Welcome to gouthams world");
    }
}
```

3>HelloApplication.java

```
package com.example.demo1;

import javafx.application.Application;
import javafx.fxml.FXMLLoader;
import javafx.scene.Scene;
import javafx.stage.Stage;

import java.io.IOException;

public class HelloApplication extends Application {
```

```

@Override
public void start(Stage stage) throws IOException {
    FXMLLoader fxmlLoader = new
FXMLLoader(HelloApplication.class.getResource("hello-view.fxml"));
    Scene scene = new Scene(fxmlLoader.load(), 320, 240);
    stage.setTitle("Hello!");
    stage.setScene(scene);
    stage.show();
}

public static void main(String[] args) {
    launch();
}
}

```

4)module-info.java

```

module com.example.demo {
    requires javafx.controls;
    requires javafx.fxml;

    opens com.example.demo to javafx.fxml;
    exports com.example.demo;
}

```

output:

