

```

<html>
<head>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>
    <link rel="stylesheet" type="text/css"
href="https://cdn.datatables.net/1.10.18/css/jquery.dataTables.css"/>
    <script type="text/javascript"
src="https://cdn.datatables.net/1.10.18/js/jquery.dataTables.js">
</script>
    <script type = "text/javascript">
        $(document).ready(function () {
            var book = {};
            var dynamicURL = "";
            var methodName = "";
            getAllBooks();
            $('#btnAddBook').click(function () {
                book.title = $('#txtTitle').val();
                book.author = $('#txtAuthor').val();
                var bookId = $('#txtId').val();
                if(bookId){
                    //update it
                    dynamicURL = "http://localhost:8037/spring-mvc-
restfull-crud-example/book/"+bookId;
                    methodName = "PUT";
                }else{
                    //save it
                    dynamicURL = "http://localhost:8037/spring-mvc-
restfull-crud-example/book/";
                    methodName = "POST";
                }
                var bookObj = JSON.stringify(book);
                $.ajax({
                    url: dynamicURL,
                    method: methodName,
                    data: bookObj,
                    contentType: 'application/json; charset=utf-8',
                    success: function () {
                        alert('Saved successfully');
                        getAllBooks();
                        reset();
                    },
                    error: function (error) {
                        alert(error);
                    }
                })
            })
        })

        function getAllBooks() {
            $.ajax({
                url: "http://localhost:8037/spring-mvc-restfull-crud-
example/book",
                method: "GET",
                dataType: "json",
                success: function (data) {

```

```

        var tableBody = $('#tblBook tbody');
        tableBody.empty();
        $(data).each(function (index, element) {
            tableBody.append('<tr>
<td>'+element.title+'</td><td>'+element.author+'</td><td><button
onclick = "update('+element.id+')">Update</button> | <button onclick =
"deleteBook('+element.id+')">Delete</button></td></tr>');
        })
    },
    error: function (error) {
        alert(error);
    }
})
}

function deleteBook(id){
    $.ajax({
        url: 'http://localhost:8037/spring-mvc-restfull-crud-
example/book/'+id,
        method: 'DELETE',
        success: function () {
            alert('record has been deleted');
            getAllBooks();
        },
        error: function (error) {
            alert(error);
        }
    })
}

function update(id){
    $.ajax({
        url: 'http://localhost:8037/spring-mvc-restfull-crud-
example/book/'+id,
        method: 'GET',
        dataType: 'json',
        success: function (data) {
            $('#txtTitle').val(data.title);
            $('#txtAuthor').val(data.author);
            $('#txtId').val(data.id);
            getAllBooks();
        },
        error: function (error) {
            alert(error);
        }
    })
}

function reset(){
    $('#txtTitle').val('');
    $('#txtAuthor').val('');
    $('#txtId').val('');
}
</script>
</head>
<body>
<div>

```

```

<table>

    <td><input type="text" id = "txtId" hidden></td>

    <tr>
        <td>Title</td>
        <td><input type="text" id = "txtTitle"></td>
    </tr>
    <tr>
        <td>Author</td>
        <td><input type="text" id = "txtAuthor"></td>
    </tr>
    <tr colspan = "2">
        <td><input type="button" value="Add Book"
id="btnAddBook"></td>
    </tr>
</table>
<table border = "1" id = "tblBook">
    <thead>
        <tr>
            <th>Title</th>
            <th>Author</th>
            <th>Actions</th>
        </tr>
    </thead>
    <tbody>

    </tbody>
</table>
</div>
</body>
</html>

```