```
@WebMvcTest(EmployeeController.class)
public class EmployeeControllerTest {
    @Autowired
    private MockMvc mockMvc;
   @Autowired
    private ObjectMapper objectMapper;
   @MockBean
    private EmployeeService employeeService;
    //Testing listAllEmployee()
   @Test
    public void listAllEmployeeWihtNotEmptyList() {...}
   @Test
   public void listAllEmployeeWihtEmptyList() {...}
    //Testing listEmployeeByName()
   @Test
    public void listEmployeeByName(){...}
    @Test
    public void listEmployeeByNameEmpty(){...}
    //Testing listEmployeeBySurname()
    @Test
   public void listEmployeeBySurname(){...}
   @Test
    public void listEmployeeBySurnameEmpty(){...}
    //Testing listEmployeeByDepartment()
   @Test
    public void listEmployeeByDepartmentWithExistingDepartmentAndNotEmptyList(){...}
```

```
@Test
public void listEmployeeByDepartmentWithNotExistingDepartment(){...}
@Test
public void listEmployeeByDepartmentEmptyList(){...}
//Testing listEmployeeBornInDateRange()
@Test
public void listEmployeeBornInDateRangeWithRightInputAndNotEmptyList(){...}
@Test
public void listEmployeeBornInDateRangeWithWrongInputDateRange(){...}
@Test
public void listEmployeeBornInDateRangeEmptyList(){...}
//Testing createEmployee()
@Test
void createEmployee() throws Exception {...}
//Testing deleteEmployee()
@Test
void deleteNotExistingEmployee(){...}
@Test
void deleteExistingEmployee(){...}
//Testing updateEmployee()
@Test
void updateNotExistingEmployee(){...}
@Test
void updateExistingEmployee(){...}
```