This was a test from a company, the idea was to connect 2 SQL Server tables and put create a list of those tables with a sum result.

As is:

**Student table:**

ID Name

1 AAA

2 BBB

3 CCC

4 DDD

5 EEE

NULL NULL

**Marklist table:**

ID Subject1 Subject2 Subject3 Subject4 Subject5

1 65 75 79 45 45

2 56 56 46 87 67

3 48 84 75 56 64

4 86 66 56 45 57

5 97 89 23 78 89

Expect result:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Subject1 | Subject2 | Subject3 | Subject4 | Subject5 | Total | Percentage |
| 1 | 65 | 75 | 79 | 45 | 45 | 309 | 61.8 |
| 2 | 56 | 56 | 46 | 87 | 67 | 312 | 62.4 |
| 3 | 48 | 84 | 75 | 56 | 64 | 327 | 65.4 |
| 4 | 86 | 66 | 56 | 45 | 57 | 310 | 62 |
| 5 | 97 | 89 | 23 | 78 | 89 | 376 | 75.2 |

For this, I create a C# solution that consumes a Web Services and present it using AngularJS to consume the WS and just to put some fancy behaviors.

The result:

