## Task 3

*Create gender and salutation field (salutation should choose Mr. or Miss based on input in gender field)*

* Should be uneditable

*Solution*

First, we create a table with the following fields.

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Since we need to make field ‘salutation’ uneditable, we need to go its properties (shortcut key SHIFT+F4) and select ‘no’ in editable section.

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Now we need to edit the C/AL code. Short cut key is (F9).

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| **Documentation()**  **OnInsert()**  **OnModify()**  **OnDelete()**  **OnRename()**  **sn - OnValidate()**  **sn - OnLookup()**  **name - OnValidate()**  **name - OnLookup()**  **gender - OnValidate()**  **BEGIN**  **CASE gender OF**  **0: salutation := 0; // Male -> Mr**  **1: salutation := 1; // Female -> Miss**  **END;**  **END;**  **gender - OnLookup()**  **salutation - OnValidate()**  **salutation - OnLookup**() |

**Explanation**

* Option Indexing: The OptionString values for gender and salutation fields are indexed starting from 0. Thus, if gender is 0 (Male), salutation should be set to 0 (Mr), and if gender is 1 (Female), salutation should be set to 1 (Miss).
* Type Compatibility: By using the index values, you ensure type compatibility because both gender and salutation are Option fields, and you're assigning an Option index to an Option field.

**Output**

Now let’s call RTC (Dynamics NAV 2017). The short cut key is CTRL+R.

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