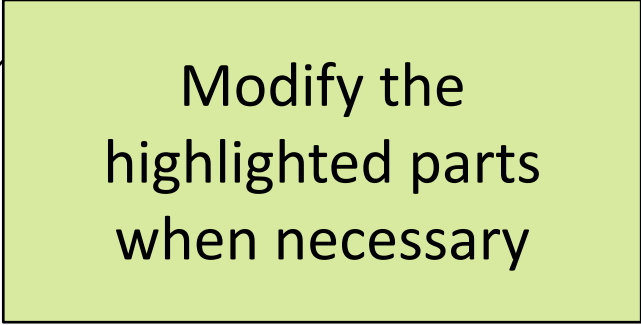# Extract the column names from a table

- Utilize the dictionaries created by SAS
- Use the keyword 'into', a macro variable and a separator of your choice
- Use **%put** to **print** the results in the **Log File**.

```sas
proc sql;
    select name into: col_Names separated by ', '
        from dictionary.columns
        where libname = 'ORION'
        and memname = 'EMPLOYEE_MASTER';
quit;

%put &=col_Names;
```

Modify the highlighted parts when necessary

Extract the column names from a table

- Utilize the dictionaries created by SAS

- Use the keyword 'into', a macro variable and a separator of your choice

- Use **%put** to **print** the results in the **Log File**.

Provide any descriptive name

Provide a separator inside quotes: space, comma etc.

```sas
proc sql;
    select name into: col_Names separated by ', '
        from dictionary.columns
        where libname = 'ORION'
        and memname = 'EMPLOYEE_MASTER';
quit;

%put &=col_Names;
```

Library name and table names must be written UPPERCASE

To print column names in the Log File