**Practice 1 - For Each and If Statement**

**Find the smallest and biggest numbers in an array**

Use For Each, Assign and If Statements to find the minimum and maximum number in an array of Int32 elements and print it.

**Practice 2 - GenericValue**

**Adding and Concatenating GenericValue Variables**

Create four variables of the GenericValue type in your sequence:

* A with value “123”
* B with value “456”
* C with value 123
* D with value 456

Print to the console various operations with them and see what is the result:

* A + B
* C + D
* A + C
* C + A

**Practice 3 - Switch**

**Separate a collection of error codes using Switch**

Considering a collection of error codes stored in an Array of Strings, separate them based on their type of error code ("Ax", "Bx" or “Cx”) and store them in 3 different arrays.

**Note**: The initial Array should contain the following values:

"Ax001","Ax002","Ax003","Ax004","Ax005","Bx001","Bx002","Bx003","Cx001","Cx002","Cx003","Cx004"

**Practice 4 - Invoke Workflow File**

**Create a simple interest calculator using a separate workflow and arguments**

Create a simple interest calculator. In your ‘Main’ workflow, ask the user to enter the **amount of the initial deposit** and the**period** (multiple choice, e.g. 1 year, 3 years, 5 years). Store the input in two variables. Afterwards, create a third variable that will store the value of the final earning.

Create a new workflow and use it to calculate a simple interest using the user input and take into consideration the value of the rate/year. Afterwards, display on screen the cumulated interest at the end of the period and the final deposit balance.

**Note:** The formula to calculate the interest can be '*Principal amount* x *Rate per year* x *Period chosen* / *100'*. Use a ‘Switch’ activity to calculate the interest for all the period options (e.g: 1 year, 3 years, 5 years) and assign the result to an argument.