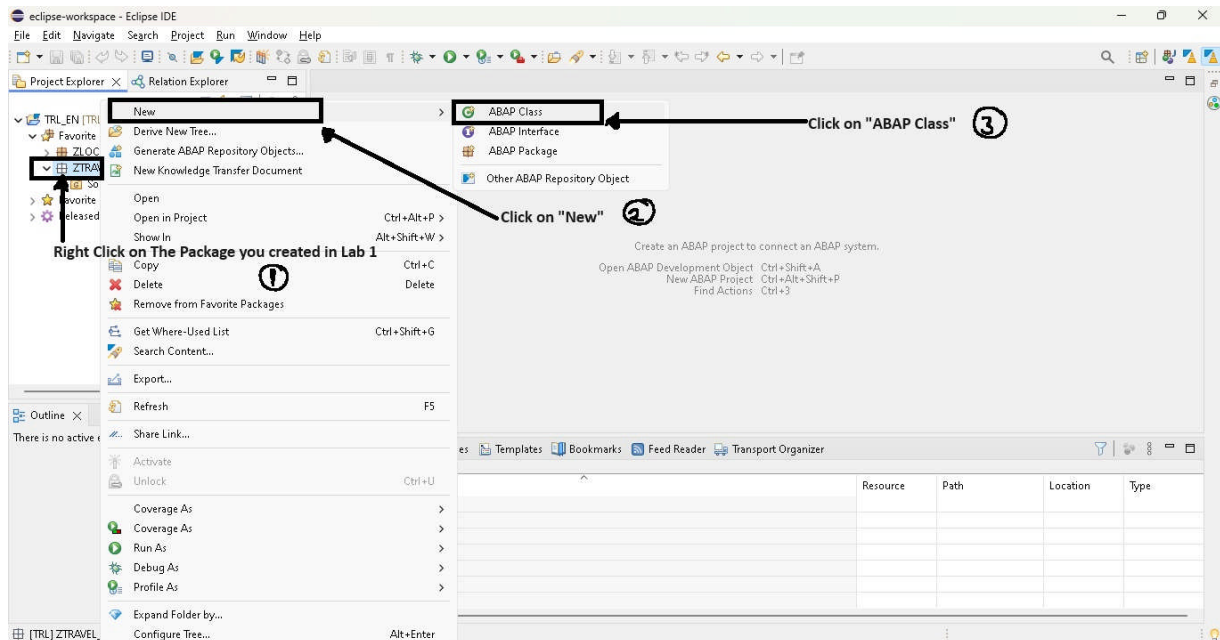




## LAB MANUAL 6

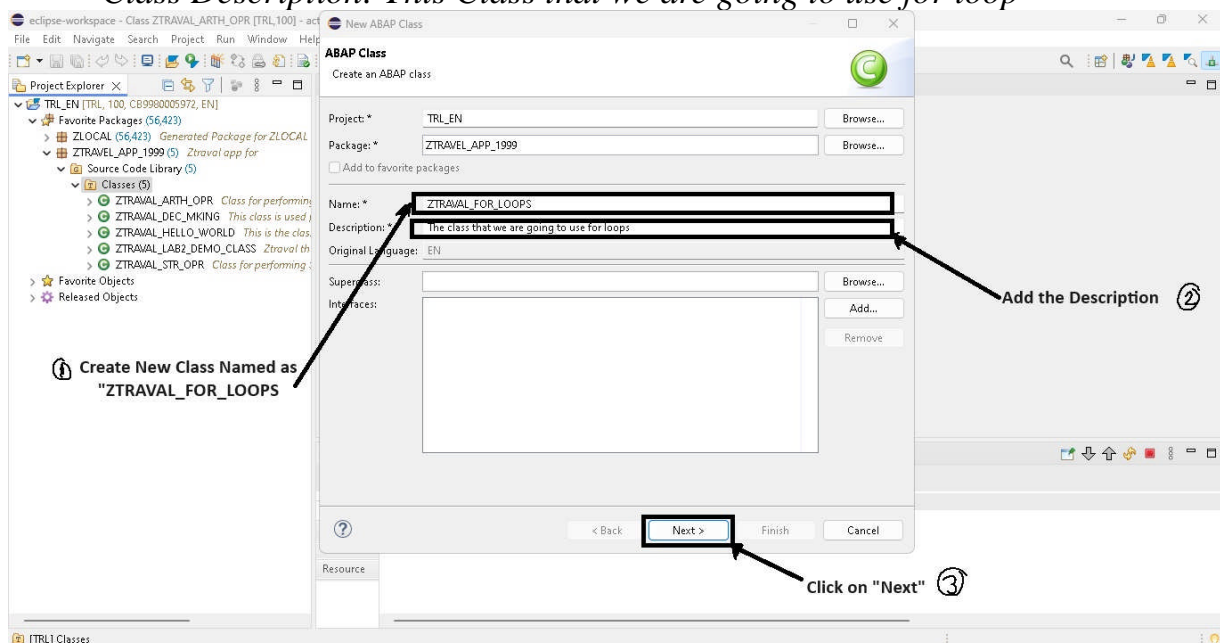
# Loops in ABAP

**Step 1:** Create the new class, Right click on the package you created in Lab1 → Click on “New” → Click on “ABAP Class”.

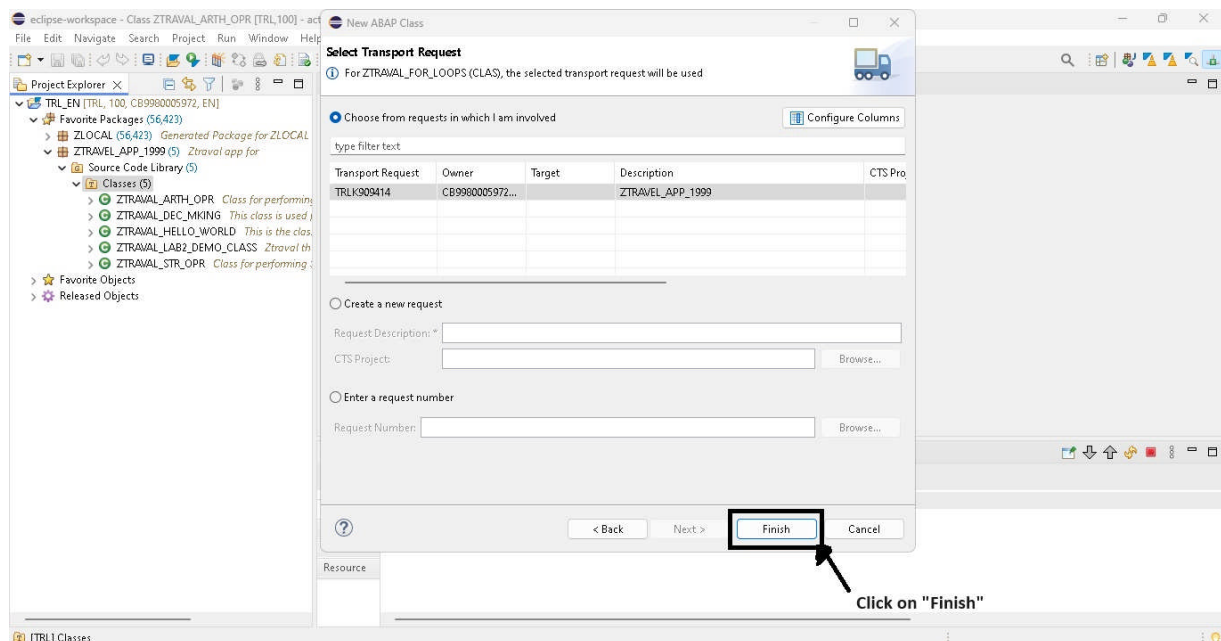


**Step 2:** Create the new class with following Description and click on next

- *Class Name: ZTRAVEL\_FOR\_LOOPS*
- *Class Description: This Class that we are going to use for loop*



**Step 3:** Click on “finish” and your class is now created.



**Step 4:** Observe the following code and add Highlighted part in your existing code.

```
CLASS ztraval_for_loops DEFINITION
    PUBLIC
    FINAL
    CREATE PUBLIC .
```

```
    PUBLIC SECTION.
    INTERFACES if_oo_adt_classrun.
    PROTECTED SECTION.
    PRIVATE SECTION.
ENDCLASS.
```

```
CLASS ztraval_for_loops IMPLEMENTATION.
METHOD if_oo_adt_classrun~main.
```

```
    * Operation 1: use counter
    DATA: lv_counter TYPE i.
    lv_counter = 1.
    DO 5 TIMES.
        out->write( |Counter: { lv_counter }| ).
        lv_counter = lv_counter + 1.
    ENDDO.
```

```
    *Operation 1: While Loop
    DATA: lv_counter1 TYPE i.
    lv_counter1 = 0.
    WHILE lv_counter1 < 5.
        out->write( |Counter after while loop: { lv_counter1 }| ).
```

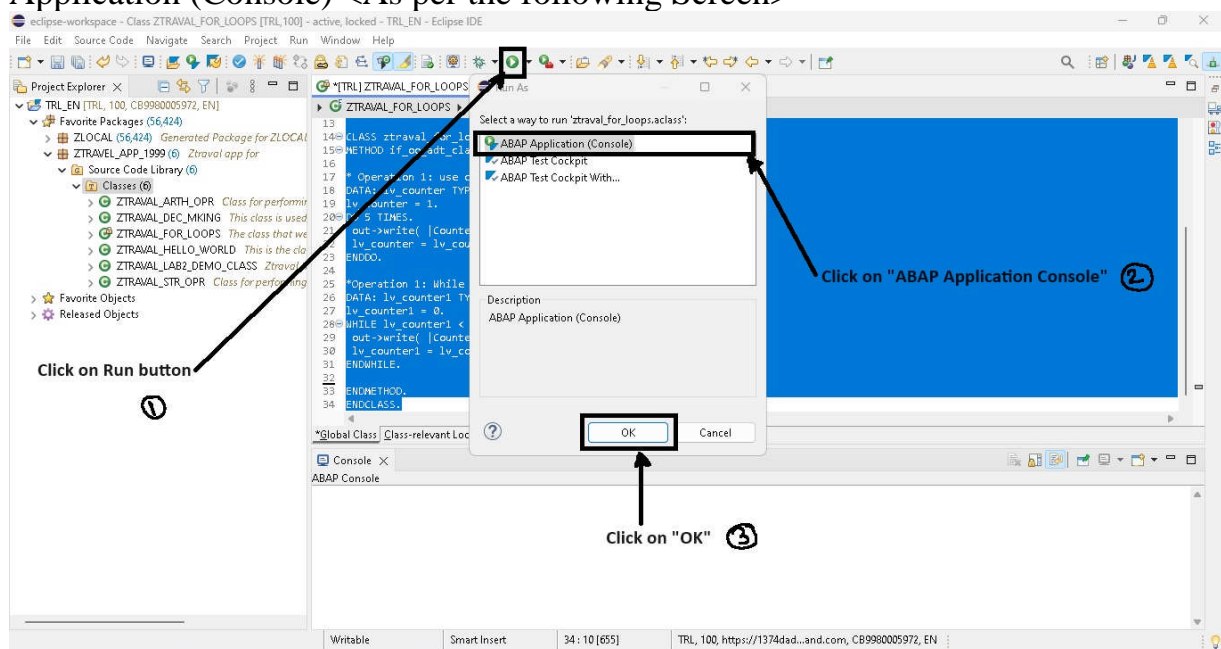
```
lv_counter1 = lv_counter1 + 1.  
ENDWHILE.
```

```
ENDMETHOD.  
ENDCLASS.
```

**Step 5:** Follow the following instructions and Run the code

- CTRL+A → Select whole code
- CTRL+S → Save that code
- CTRL+F2 → To check the Syntax of code
- CTRL+F3 → To activate the script

Then click on the run button → Click on “Run As” → Click on “ABAP Application (Console) Application (Console) <As per the following Screen>



**Step 6:** Check your ABAP Console

