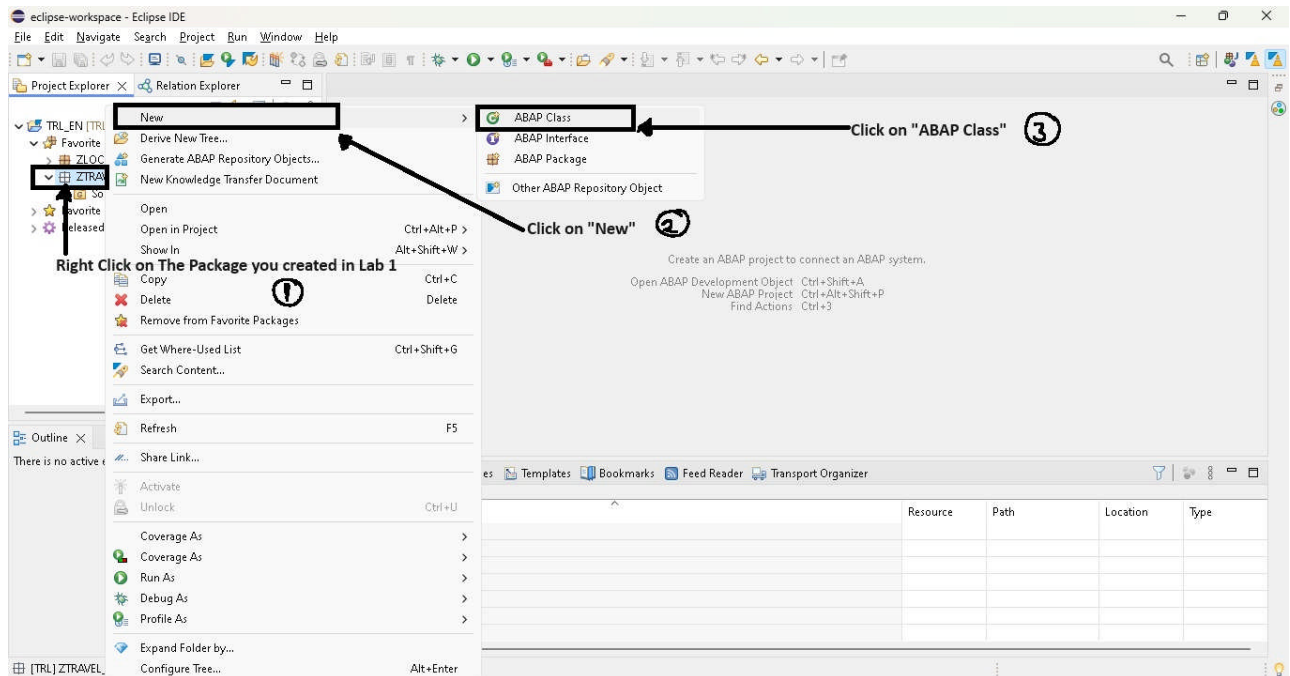




## LAB MANUAL 5

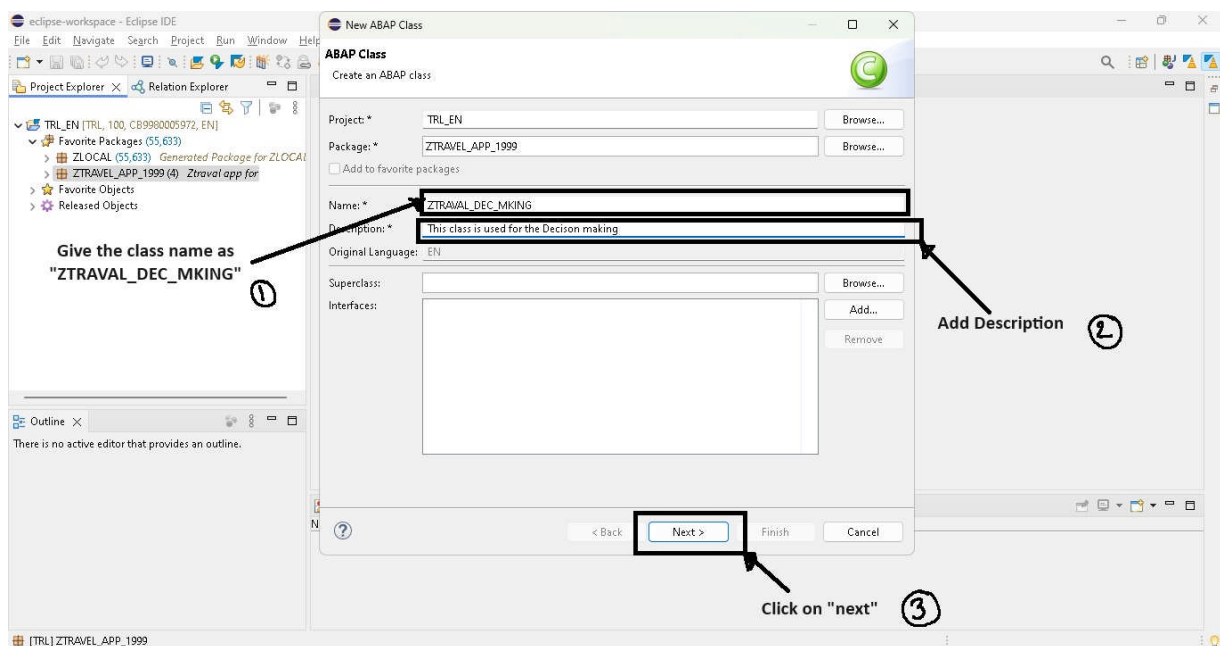
# ABAP for decision making

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

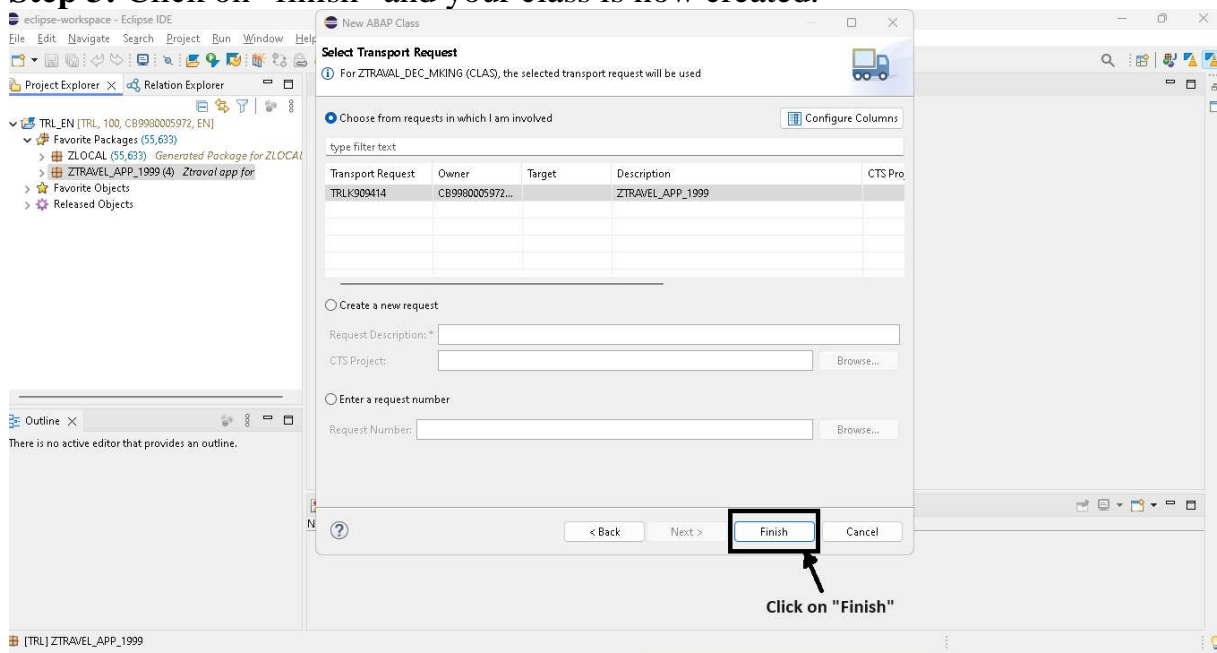


**Step 2:** Create the new class with following Description and click on next

- *Class Name:* ZTRAVEL\_DEC\_MKING
- *Class Description:* This Class used for Decision Making



**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_dec_mking DEFINITION
  PUBLIC
  FINAL
  CREATE PUBLIC .

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

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

```
*Check weather the number is positive (ONLY IF)
DATA num TYPE i VALUE 10.
IF num > 0.
  out->write( |'The number { num } is positive.'| ).
ENDIF.
```

```
*Check weather the number is positive or Negative (IF and ELSE)
DATA: num2 TYPE i.
num2 = -5.
```

```
IF num2 > 0.
  out->write( |'The number { num2 } is positive.'| ).
ELSE.
```

```

        out->write( |The number { num2 } is non-positive (zero or negative).|
    ).
ENDIF.

* Check weather the number is positive or greater the 10 or zero or
negative
DATA: num3 TYPE i.
num3 = 15.

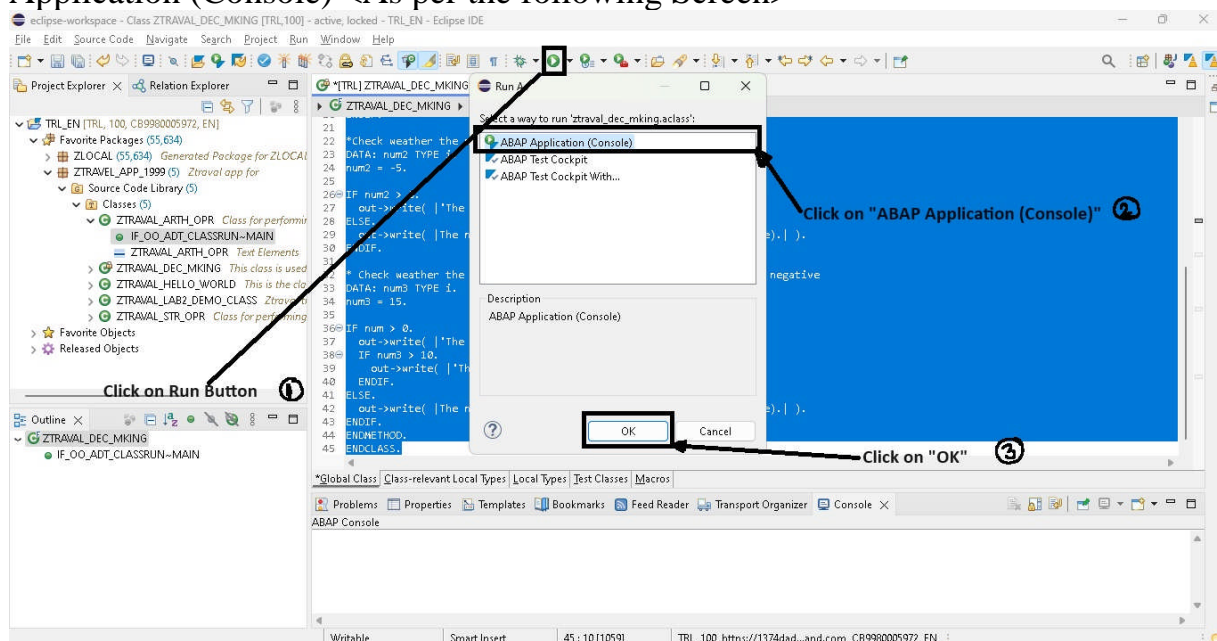
IF num > 0.
    out->write( |'The number { num3 } is positive.'| ).
    IF num3 > 10.
        out->write( |'The number { num3 } is greater than 10.'| ).
    ENDIF.
ELSE.
    out->write( |The number { num3 } is non-positive (zero or negative).|
    ).
ENDIF.
ENDMETHOD.
ENDCLASS.

```

**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) <As per the following Screen>



**Step 6:** Check your ABAP Console

