Industrial Software Development (ISDe)

Exercise 3

<u>USE THE OBSERVER DESIGN PATTERN</u>

Use abstract classes if needed.

A **Printer** object has two methods, **process_1( )** and **process_2( )**, which behave differently on working day or on weekend, as in the Exercise 2.

The assigned code [**main.py** and **printer.py**] solves the problem.

New requirements

Different observers s_1, … , s_n may be interested in a **change of strategy**.

If the strategy changes, the **interested** observers must print

```
‘s_1 ->  New Strategy!’
‘s_2 ->  New Strategy!’
```

If an observer (i.e., s_1) is no more interested in the event, when the strategy changes the output will be

```
‘s_2 ->  New Strategy!’
```

Complete the module **printer.py** and the **main.py**.
The assigned **main.py** contains (as a comment) the correct, expected output.

Be sure to submit both the **main** and the **module.** Your program must work correctly and produce the correct output.