Industrial Software Development (ISDe)

Exercise 2

USE THE STRATEGY DESIGN PATTERN

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.

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working day:

process_1(el) prints the character **el**,
process_2(el) prints the UPPERCASE character [**el.upper( )**]

weekend:
process_1(el) prints the UPPERCASE character [**el.upper( )**] if **el** is not a number, otherwise it prints the number and the string '**-> IT IS A NUMBER!**'

process_2(el) prints the string ' **ASCII -> **', and the ASCII code [ord(**el**)]

Write a module **printer.py** that can be used with the assigned **main.py**. Complete the **main.py** if needed.
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.