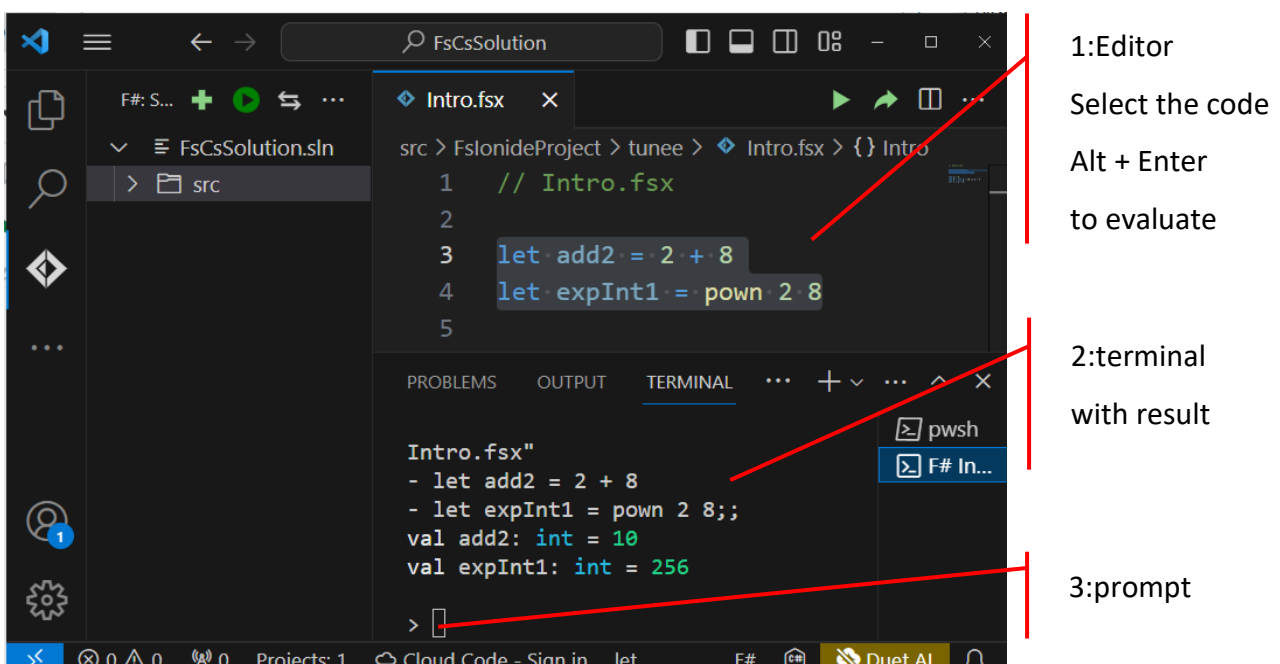## Contents

Getting Started

Use the F# script file we created together during the class or create a new F# script with *.fsx* file extension.

1.1.1 --Evaluate expressions with FSI REPL

Enter a few arithmetic expressions and then mark (select) the expressions to be evaluated with the mouse (1) and evaluate them with **"ALT" + "Enter"**.

Look at what is returned on the terminal (2). You can see both the *value* that is returned, and its *type*. The identifier *it* will be bound to the returned value and can be used in the next expression to be evaluated. See the next Figure for an example.

1.1.2 – Evaluate Expressions on the Terminal

Now try evaluating the following expressions on the terminal by typing (entering) the expressions at the prompt (3: in the figure above) and ending with **double semi-colons** and then press Enter:

```
> 1 :: [2; 5; 3; 7];;
> List.length [2; 5; 3; 7];;
> [2; 5; 3; 7] :: 4;;
```

The evaluation of the last expression generated an error. Why?
What can you do to make it work (that is, to insert element 4 at the end of the list [2; 5; 3; 7])?