

The screenshot displays the PyCharm IDE interface. The top toolbar includes icons for file operations, search, and settings. The left sidebar shows the Project Explorer with the following structure:

- pythonProject1 (C:\Users\최인학\PycharmProjects\pythonProject1)
 - .venv library root
 - Lib
 - Scripts
 - .gitignore
 - dfdfa.py
 - pyenv.cfg
 - anan.py
 - function.py
 - git.py
 - main.py
 - sksk.py
 - External Libraries
 - Scratches and Consoles

The main editor window shows the code in `function.py`:

```
6     return result
7
8     a = 2
9     b = 1
10    max_value = 10
11
12    result = calculate_expression(a, b, max_value)
13
14    int(input('a: '))
15    int(input('b: '))
16    int(input('max: '))
17    for i, value in enumerate(result):
18        print(f"2x2x{i} + 1 = {value}")
```

The Run console at the bottom shows the execution of `function.py` using the Python interpreter located at `C:\Users\최인학\PycharmProjects\pythonProject1\.venv\Scripts\python.exe`. The output is as follows:

```
C:\Users\최인학\PycharmProjects\pythonProject1\.venv\Scripts\python.exe C:\Users\최인학\PycharmProjects\pythonProject1\function.py
a: 2
b: 1
max: 10
2x2x0 + 1 = 1
2x2x1 + 1 = 5
2x2x2 + 1 = 9
2x2x3 + 1 = 13
2x2x4 + 1 = 17
2x2x5 + 1 = 21
2x2x6 + 1 = 25
2x2x7 + 1 = 29
2x2x8 + 1 = 33
2x2x9 + 1 = 37
2x2x10 + 1 = 41
```

The status bar at the bottom indicates the current file is `pythonProject1 > function.py`, with a line length of 16:20, CRLF line endings, UTF-8 encoding, 4 spaces for indentation, and Python 3.12 (pythonProject1) interpreter.