

Advent of Code Time-Savers

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parse

When it's too much for `str.split()` and not worth `re.match()`

- Example input text: "Button A: X+26, Y+66"

```
import parse as p
```

```
ax, ay = p.parse("Button A: X+{:d}, Y+{:d}", line)
```

icecream

Better Debugging Print Statements

```
from icecream import ic
```

```
ic(input_nums)
```

```
ic.disable()
```

```
ic| input_nums: [2, 3, 3, 3, 1, 3, 3, 1, 4, 1, 4, 1, 3, 1, 4, 0, 2]
```

pytest

You can call it as a function and never leave your solution.py file

```
code = pytest.main([
    __file__, "--capture=tee-sys", "-v", "--pdb"
])

if code not in {
    pytest.ExitCode.OK, pytest.ExitCode.NO_TESTS_COLLECTED
}:
    # handle test failure here – sys.exit(1)
```

Automated Code-Runner

Re-run your solution file at every save with watchfiles

```
from watchfiles import run_process
```

```
if __name__ == "__main__":
```

```
    run_process(
```

```
        "./solution.py",
```

```
        target="uv run solution.py",
```

```
        target_type="command"
```

```
    )
```