

**CODE STYLES
AREN'T
BLACK AND
WHITE**

Agenda

0x00

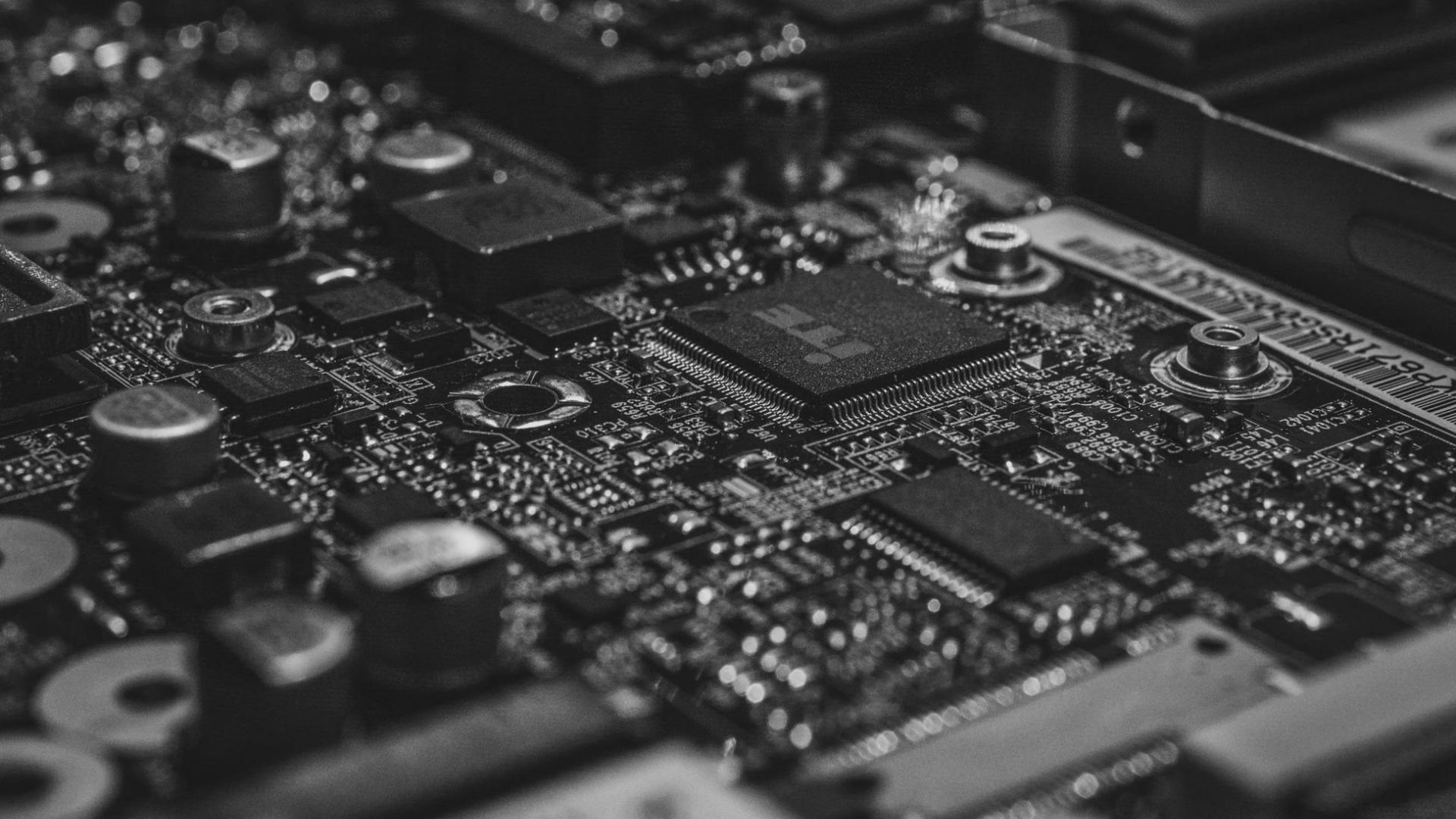
What Are Code-Styles?

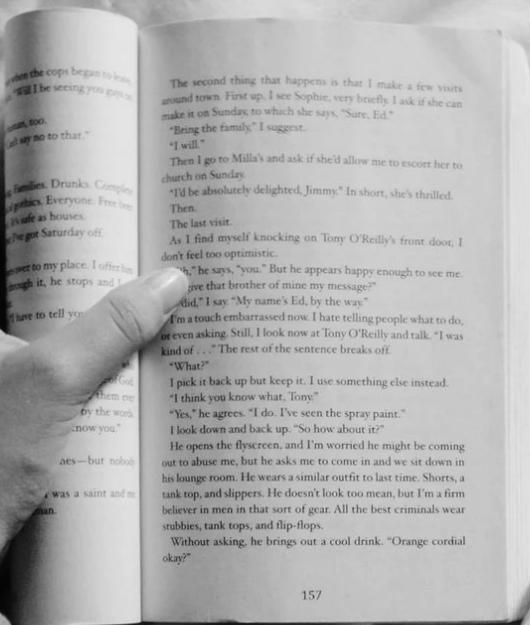
0x01

0x02

0x03







when the cops began to know
me, I'll be seeing you again,
too.
say no to that."

Families. Drunks. Complete
ly others. Everyone. Free time
is safe as houses.
you get Saturday off.

over to my place. I often have
through it, he stops and says
I have to tell you.

of God
them ever
the world
now you."

—
was a saint and me
man.

The second thing that happens is that I make a few visits
around town. First up, I see Sophie, very briefly. I ask if she can
make it on Sunday, to which she says, "Sure, Ed."

"Bring the family," I suggest.

"I will."

Then I go to Milla's and ask if she'd allow me to escort her to
church on Sunday.

"I'd be absolutely delighted, Jimmy." In short, she's thrilled.

Then.

The last visit.

As I find myself knocking on Tony O'Reilly's front door, I
don't feel too optimistic.

"Oh," he says, "you." But he appears happy enough to see me.
give that brother of mine my message?"

"Did," I say. "My name's Ed, by the way."
I'm a touch embarrassed now. I hate telling people what to do,
or even asking. Still, I look now at Tony O'Reilly and talk. "I was
kind of . . ." The rest of the sentence breaks off.

"What?"

I pick it back up but keep it. I use something else instead.

"I think you know what, Tony."

"Yes," he agrees. "I do. I've seen the spray paint."

I look down and back up. "So how about it?"

He opens the flyscreen, and I'm worried he might be coming
out to abuse me, but he asks me to come in and we sit down in
his lounge room. He wears a similar outfit to last time: Shorts, a
tank top, and slippers. He doesn't look too mean, but I'm a firm
believer in men in that sort of gear. All the best criminals wear
stubbies, tank tops, and flip-flops.

Without asking, he brings out a cool drink. "Orange cordial
okay?"

$$\begin{vmatrix} x_1 & x_2 & x_3 \\ x_4 & x_5 & x_6 \\ x_7 & x_8 & x_9 \end{vmatrix} + \begin{vmatrix} y_1 & y_2 & y_3 \\ y_4 & y_5 & y_6 \\ y_7 & y_8 & y_9 \end{vmatrix}$$

```
public class main {public static void main(String [ ] args) {
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public class main {public static void main(String [ ] args) {  
int matrix1[][][] = {{17, 65, 37},{85, 42, 13}, {-8, 71, 42}};
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public class main {public static void main(String [ ] args) {  
int matrix1[][] = {{17, 65, 37},{85, 42, 13}, {-8, 71, 42}};  
int matrix2[][] = {{10, 27, 43}, {-9, 11, 92}, {44, 55, 66}};
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j++) {sum[i][j] = matrix1[i][j] + matrix2[i][j];}} for (int i  
= 0; i < sum.length; i++) {for (int j = 0; j < sum.length;  
j++) { System.out.print(String.format("%5s", sum[i][j]));}
```

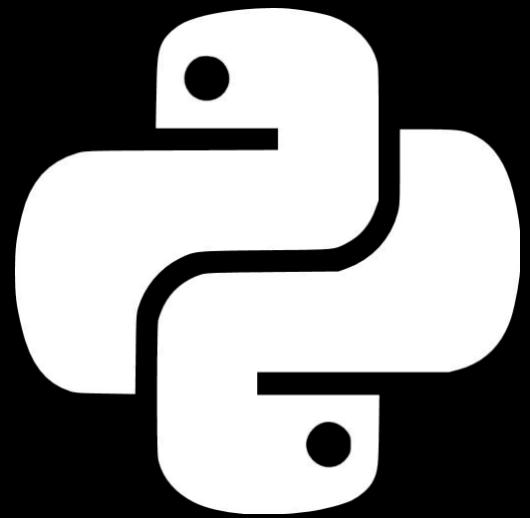
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System.out.println("");
```

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        };
        int matrix2[][][] = {
            {10, 27, 43},
            {-9, 11, 92},
            {44, 55, 66}
        };
        int sum[][][] = new int[3][3][3];

        for (int i = 0; i < matrix1.length; i++) {
            for (int j = 0; j < matrix1[i].length; j++) {
                sum[i][j] = matrix1[i][j] + matrix2[i][j];
            }
        }

        for (int i = 0; i < sum.length; i++) {
            for (int j = 0; j < sum.length; j++) {
                System.out.print(String.format("%5s", sum[i][j]));
            }
            System.out.println("");
        }
    }
}
```



PEP 8

Style Guide For Python Code

A style guide is about
consistency.

Consistency with this style
guide is important.

Consistency within a project
is more important.

Consistency within one
module or function
is the most important.

```
for (int i = 0; i < matrix1.length; i++) {  
    for (int j = 0; j < matrix1[i].length; j++) {  
        sum[i][j] = matrix1[i][j] + matrix2[i][j];  
    }  
}
```

```
for (int row = 0; row < matrix1.length; row++) {  
    for (int col = 0; col < matrix1[i].length; col++) {  
        sum[row][col] = matrix1[row][col] + matrix2[row][col];  
    }  
}
```

Agenda

0x00

What Are Code-Styles?

0x01

Fordism

0x02

0x03







You can have your car
in any colour you like,
as long as it's black.

Agenda

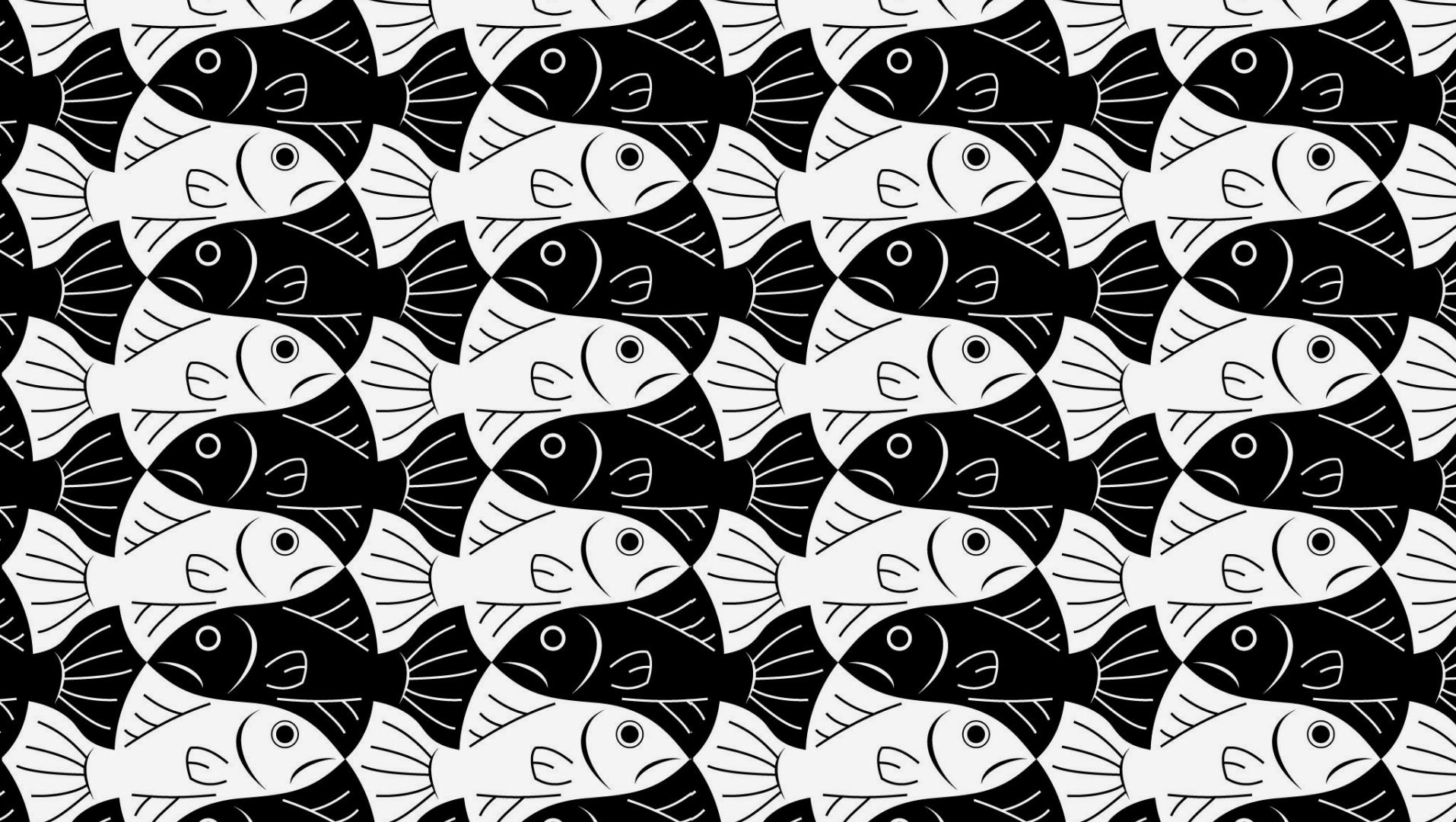
- 0x00 What Are Code-Styles?
- 0x01 Fordism
- 0x02 Black
- 0x03



Black

No.

Opinionated.
‘Uncompromising’.



Any formatter you like,
as long as it's Black.

Horizontal Whitespace

Vertical Whitespace

Line Length

Consistency

Horizontal Whitespace

Vertical Whitespace

Line Length

Consistency

```
def a_nice_function(
```

Before Blackening

```
def a_nice_function(param_a: str, param_b: dict, path: os.PathLike,  
verbose: bool = False):  
    pass
```

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Before Blackening

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def a_nice_function(  
    param_a: str,  
    param_b: dict,  
    path: os.PathLike,  
    verbose: bool = False,  
):  
    pass
```

After Blackening

```
if (
    this_long_variable_is_true
    and this_other_variable == 10
    or this_other_variable > 100
    and this_function_call() < 100
):
    pass
```

After Blackening

Horizontal Whitespace

Vertical Whitespace

Line Length

Consistency

79 < ?? < 120

79 < 80 < 120

79 < 88 < 120

Horizontal Whitespace

Line Length

Vertical Whitespace

Consistency

```
my_list = [  
    var_1,  
    var_2,  
    var_3,  
    var_4,  
    var_5,  
    var_6,  
    var_7,  
]
```

After Blackening

```
my_list = [  
    var_1,  
    var_2,  
    var_3,  
    var_4,  
    var_5,  
    var_6,  
    var_7,  
    var_8,  
]
```

After Blackening

```
my_list = [  
    var_1,  
    var_2,  
    var_3,  
    var_4,  
    var_5,  
    var_6,  
    var_7  
    var_7,  
    var_8  
]
```

Before Blackening

```
my_var = f"Hello world! I am {user}"
```

After Blackening

```
my_var = f"Hello world! I'm {user}"
```

After Blackening

Horizontal Whitespace

Vertical Whitespace

Line Length

Consistency



‘ ’

• • •

VS.

“ ”

• • •

Agenda

- 0x00 What Are Code-Styles?
- 0x01 Fordism
- 0x02 Black
- 0x03 Carbonize Your Code

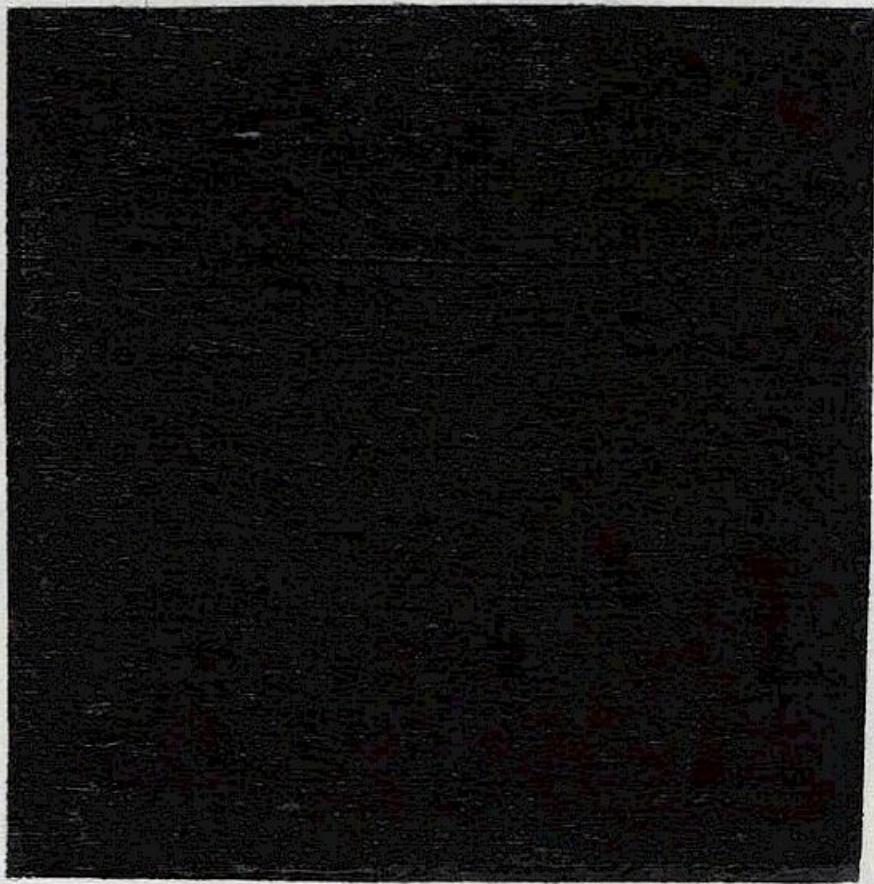


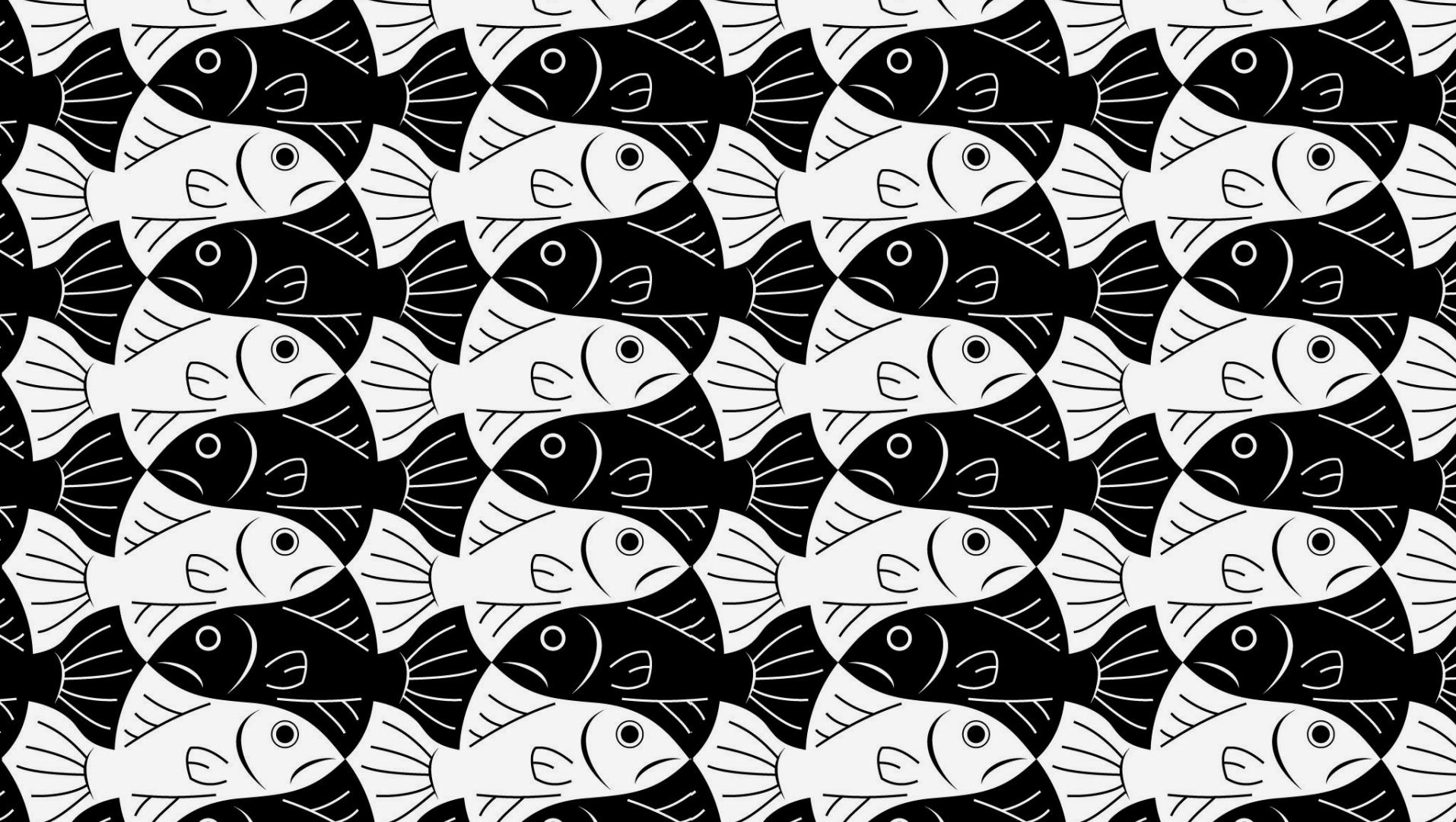












```
pip install black
```

black my_file.py

black my_files/

black --check my_file.py

black --diff my_file.py

blackd

<https://github.com/psf/black>

“I've used Black extensively on several projects, and much like f-strings, the last Pink Floyd album, and broccoli, have found

**I really like something I
didn't think I would.”**



Twitter
Github
Email

@autophagian
autophagy
mail@autophagy.io

**CODE STYLES
AREN'T
BLACK AND
WHITE**

**THEY SHOULD
JUST BE
BLACK**