

Computer

Token

```
i f
p oly
```

```
int x = 7;
```

$$int x = 7;$$

$$x + 1$$

Statement

Statement

int
$$x = 7$$
;
var $x = 7$

Literal

Literal

$$int x = 7;$$

Literal

$$int x2 = 7;$$

$$int x = 7;$$

```
int x = 7;
int y = 8;
```

```
int myX = 7;
int MyName = 8;
int Z = 9;
```

Reyword

Keyword

$$int x = 7;$$

Reyword

int
$$x = 7$$
;
var $x = 7$

Reyword

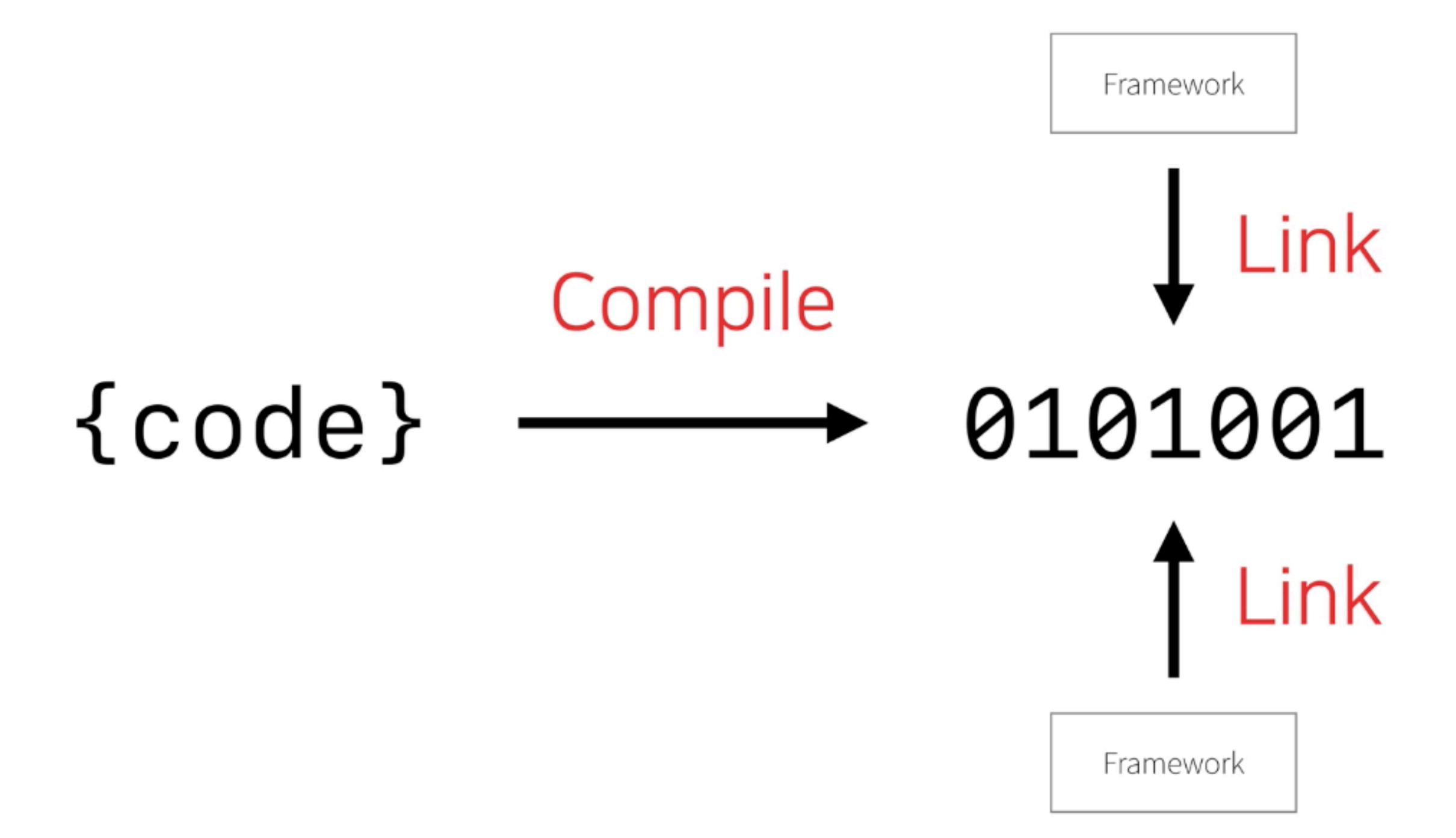
```
int x = 7;
int int = 7;
```

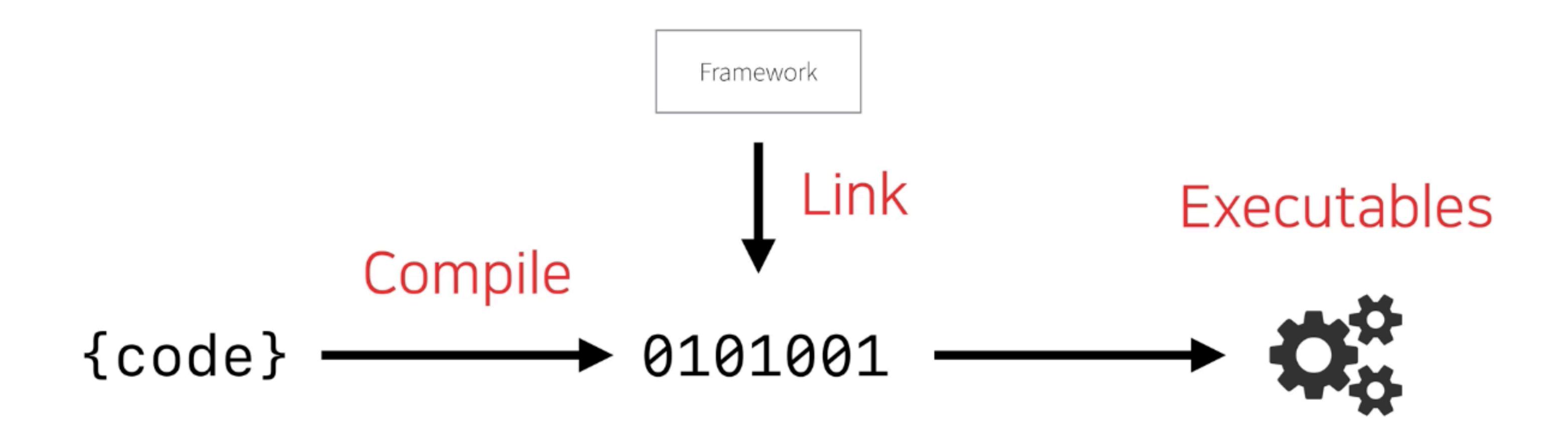
Warning Error

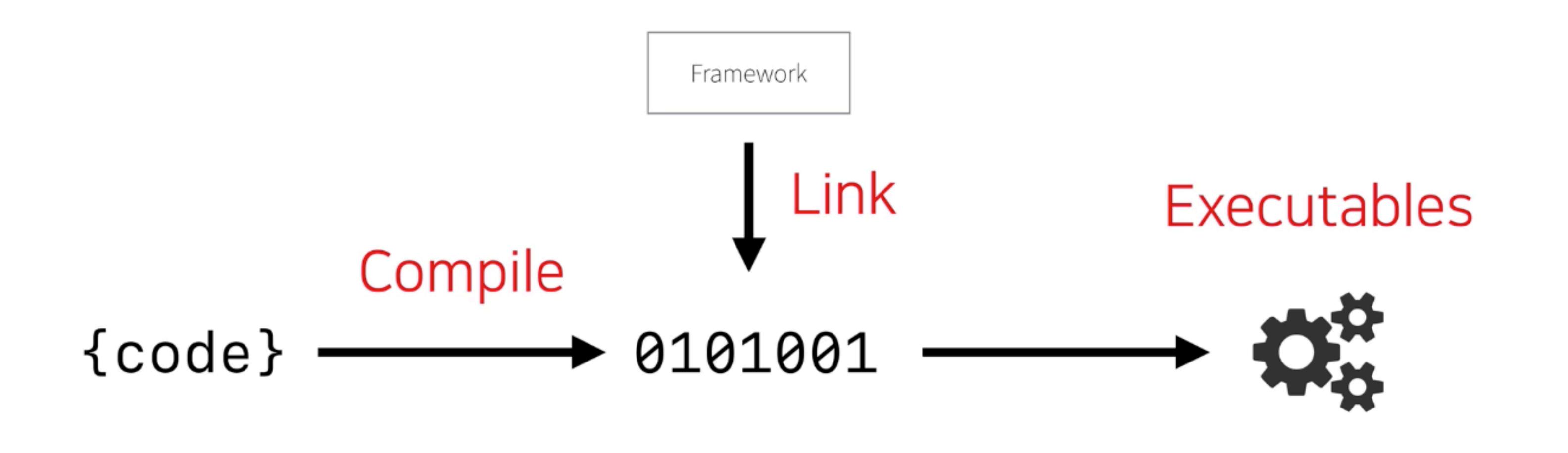
$$int x = 7;$$

```
int x = 7;
X = 8;
print(x); //8
X = 9;
Print(x); //9
```

```
int int = 7;
int 7x = 7;
```







Builo

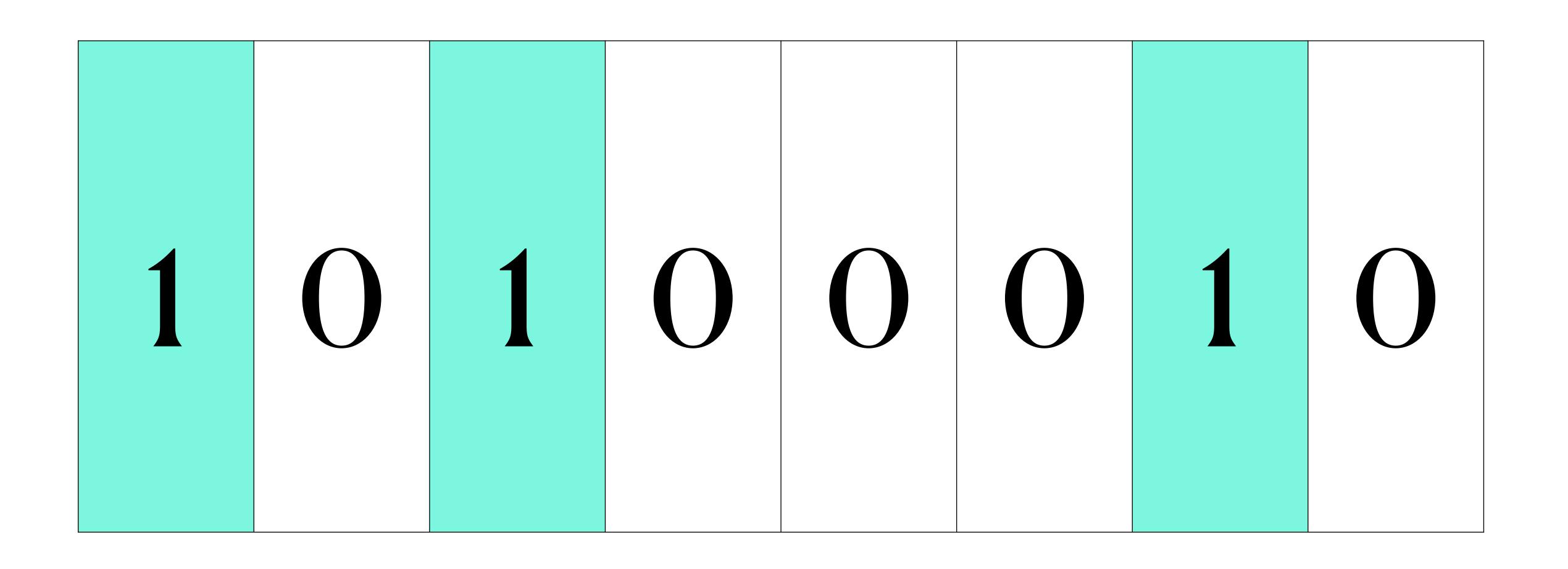
Memory

Memory





Byte



Byte

1byte	8bit	
1kilobyte	1024byte	
1megabyte	1024kB	
1gigabyte	1024MB	
1terabyte	1024GB	
1petabyte	1024TB	
1exabyte	1024PB	
1zettabyte	1024EB	
lyottabyte	1024ZB	

Byte

1kilobyte Memory

1023	1byte
1022	1byte
1021	1byte
1020	1byte
~	~
3	1byte
2	1byte
1	1byte
0	1byte

Memory

1byte
$$\times 2^{32} = 4,294,967,296$$
 byte = 4GB

Memory

$$1byte \times 2^{64} = 16EB$$