Stack & Queue.

char str[100]

9/2*(1-3)-4

Q

9/2*(1-3)-4

→ 9 2 / 1 3 - * 4 -

9/2*(1-3)-(-1)

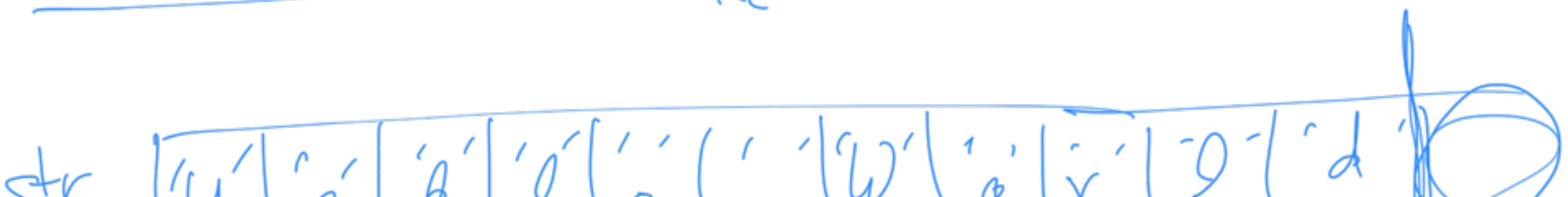
→ 9 2 / 1 3 - * (-1) -

5

-11

char str[100];

Hello World



0 1 2 3 4 5 6 7 8 9 10

ASCII

'0' → ?

'1'

'2'

:

'9'

'\0'

0

-5+7*(2+3)/(-1)

-5 7 2 3 + * (-1) / +

7*(-1+5)-2

'(괄호

[illegible] −

1. 문자를 숫자로 인식

Operator vs. Operand

2. Queue Stack

Postfix + Calculation.

3. [illegible]

```
sscanf(str, "%f", &var);
```

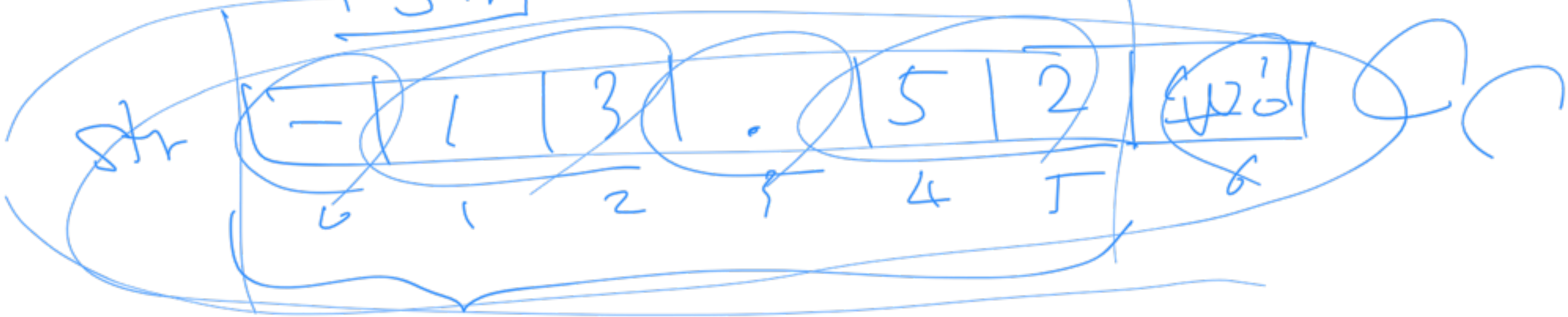
```
typedef struct _Optype_
{
    char t;
    DType d;
} OpType;

typedef union _DType_
{
    double num;
```

char op;
char br;
} DType;

double num;

str[100]



sscanf(str, "%f", &num);