

$$3.3 \quad x \cdot c, y = k \Rightarrow \begin{array}{c} x \\ a \\ c \end{array} \Rightarrow \begin{array}{c} x, y = k \\ a \\ c \end{array} \Rightarrow \begin{array}{c} x, y = k \\ t \\ a \\ c \end{array} \Rightarrow \begin{array}{c} x, y = k \\ k \\ t \\ a \\ c \end{array} \Rightarrow \begin{array}{c} s \\ t \\ a \\ c \end{array}$$

\Rightarrow stack

$$3.7 \quad \begin{array}{ccccccc} - & & \div & + & \uparrow & \uparrow & \uparrow \\ \# & \# & \# & \# & \# & \# & \# \end{array} \Rightarrow \#$$

3.10

```
void test (int &sum) {
    Stack s;
    InitStack(s);
    sum = 0;
    int x;
    scanf("%i", &x);
    while (x) {
        push(s, x);
        scanf("%i", &x);
    }
    while (!s.top) {
        int y; pop(s, y);
        sum += y;
        printf("%i", sum);
    }
}
```

