1008 ×××××

Problem Description

Seia n $1, 2, 3, \cdots, n$

i $1 \le i \le n$ ××× a_i

$[1, n]$ p $p_1, p_2, p_3, \cdots, p_n$

$a_0 = p_0 = 0$ ×××× S $S := 0$

p_i $1 \le i \le n$

- ■ $a_{p_i} > a_{p_{i-1}}$ x $S := S + x$
- ■ $a_{p_i} = a_{p_{i-1}}$ y $S := S + y$
- ■ $a_{p_i} < a_{p_{i-1}}$ z $S := S + z$

Seia x, y, z ×× $x \ge y \ge z$

p

Seia

Seia ××××××××××××××××××

Input

××××××××××××

⬚⬚ Seia ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚ C++ ⬚⬚⬚⬚⬚⬚⬚⬚⬚ ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚ cin ⬚ cout ⬚⬚⬚⬚⬚⬚⬚⬚

T $1 \leq T \leq 100$

n, x, y, z $1 \leq n \leq \sum n \leq 5 \times 10^6$ $1 \leq z \leq y \leq x \leq 5 \times 10^6$

n $a_1, a_2, a_3, \cdots, a_n$ $1 \leq a_1, a_2, a_3, \cdots, a_n \leq n$

Output

Sample Input

```
2
5 9 7 5
3 1 2 3 4
10 1919810 114514 1
2 3 5 9 10 10 2 2 5 4
```

Sample Output

```
43
15472995
```

Hint

$$p_1 = 2, p_2 = 3, p_3 = 1, p_4 = 4, p_5 = 5 \qquad 43$$

- $a_2 > a_0$ $S := 9$
- $a_3 > a_2$ $S := 18$
- $a_1 > a_3$ $S := 27$
- $a_4 = a_1$ $S := 34$
- $a_5 > a_4$ $S := 43$