

есеп B:

```
using namespace std;
```

```
typedef long long ll;
```

```
const int MAXN = (int)1e6 + 5;
```

```
// vector < vector < int > where (MAXN);
```

```
vector < int > where [MAXN];
```

```
int a [MAXN];
```

```
int n;
```

```
int index - lim;
```

```
int fenw_max [MAXN];
```

```
int pref_max (int p) {
```

```
int res = 0;
```

```
for (; p > 0; p = p & - p) {
```

```
res = max (res, fenw_max [p]);
```

```
}
```

```
void update_max (int p, int x) {
```

```
for (; p <= n; p = p & - p) {
```

```
fenw_max [p] = max (fenw_max [p], x);
```

```
}
```

```
void add (int x) {
```

```
int prv = 0;
```

```
if (j == i) {
```

```
ans --;
```

```
break;
```

```
}
```

```
i = j;
```

```
}
```

```
cout << ans << "\n" [x == n];
```

```
}
```