```
#include <stdlib.h>
typedef struct {
        int n2;
        double *arr2;
        double coeff2;
} mainstruct_lev2_t;
typedef struct {
        int n;
        mainstruct_lev2_t *arr;
        double coeff;
} mainstruct_t;
#define N 10000
int main() {
        mainstruct_t *main_p;
        main_p = (mainstruct_t*) malloc(sizeof(mainstruct_t));
        main_p->arr = (mainstruct_lev2_t*) malloc(sizeof(mains)
truct_lev2_t));
        main p - > arr - > n2 = N;
        main_p->arr->arr2 = (double*) malloc(sizeof(double) *
main_p->arr->n2);
        #pragma acchelper declare(main_p->arr->n2{int}, main_p
->arr->arr2{double*:restrictconst})
        #pragma acchelper region begin
        #pragma acc parallel loop copy(main_p->arr->arr2[0:mai
n_p->arr->n2]) gang vector
        for(int i=0;i<main_p->arr->n2;i++) {
                main_p->arr->arr2[i] = i;
        #pragma acchelper region end
        return main_p->arr->arr2[0] * main_p->arr->arr2[N-1] !
= 0;
```