```
#include <stdlib.h>
typedef struct {
        int n3;
        double *arr3;
        double coeff3;
} mainstruct_lev3_t;
typedef struct {
        int n2;
        mainstruct_lev3_t *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->arr2 = (mainstruct_lev3_t*) malloc(sizeof
(mainstruct_lev3_t));
        main_p -  arr -  arr 2 -  n3 = N;
        main_p->arr->arr2->arr3 = (double*) malloc(sizeof(doub)
le) * main_p->arr->arr2->n3);
        #pragma acchelper declare(main_p->arr->arr2->n3{int},
main_p->arr->arr2->arr3{double*:restrictconst})
        #pragma acchelper region begin
        #pragma acc parallel loop copy(main_p->arr->arr2->arr3
[0:main_p->arr->arr2->n3])
        for(int i=0;i<main_p->arr->arr2->n3;i++) {
                main_p->arr->arr2->arr3[i] = i;
```