#include <stdio.h>

#include <stdlib.h>

int main()

{

int size;

int \*array;

//Remind the user to enter the array and size

printf("Enter the size of the array(N>5):");

scanf("%d",&size);

//Use Pointers to dynamically allocate memory

array = (int \*)malloc(size \* sizeof(int));

if (array == NULL) {

printf("Memory allocation wrong！\n");

return 1;

}

//Prompts the user to enter the element

for (int i = 0; i < size; i++) {

printf("Enter the array element：",i);

scanf("%d", array + i);

}

int index1, index2;

//Prompts the user to enter and verify that the data is correct

do {

printf("Enter the indices of the two elements (0 <= index1, index2 < %d): ", size);

scanf("%d %d", &index1, &index2);

if (index1 < 0 || index1 >= size || index2 < 0 || index2 >= size) {

printf("Error: Indices must be within the range of the array elements. Please try again.\n");

}

} while (index1 < 0 || index1 >= size || index2 < 0 || index2 >= size);

//summation

int sum = \*(array + index1) + \*(array + index2);

//print answer

printf("the sum of the values at indices %d and %d is：%d\n", index1, index2, sum);

free(array);

return 0;

}