```
Tiene Clases (El trabajo de Clases es pare 4 do a Java) OOP
Crear Funciones (Separece a python) OFP
class Student
private:
string mame;
   public:
        string get_degree()
           return "Physics";
Pointers.
   Pointers, (Punteros), indican donde
esta guardada la información
                                 305
   int height;
   height= 305
                                2=256
=4294967256
256x256x256x256
  1 byte = 8 bits
```

Pointer es una varible que guarda la dirección en el computador del objeto int height = 305 int* ptr = & height 9a0e14 direccion Ptr height 10,000 to << 10 to Dereferencing Dado un pointer encuentre el valor que indica es pointer cout << *ptr Resultado: 305 Python

def swap (a,b):

b-temp=b

b=a

a=b void swaplint parint po int b-temp = Pa *PO = * PA *pa= b-temp a, b = swap(a, b)ptra E Sptrb E

Problem in Class

Function Description

Complete the update function in the editor below.

update has the following parameters:

- int *a: an integer
- int *b: an integer

Returns

- The function is declared with a void return type, so there is no value to return. Modify the values in memory so that a contains their sum and b contains their absoluted difference.
- a' = a + b
- b' = |a b|

Input Format

Input will contain two integers, a and b, separated by a newline.

Sample Input

```
4
5
```

Sample Output

```
9
```

```
#include <stdio.h>

void update(int *a,int *b) {
    // Complete this function
}

int main() {
    int a, b;
    int *pa = &a, *pb = &b;

    scanf("%d %d", &a, &b);
    update(pa, pb);
    printf("%d\n%d", a, b);

return 0;
}
```

Problem in Class

· Input Format

The first line of the input contains N, where N is the number of integers. The next line contains N space-separated integers.

Constraints

$$\cdot~1 <= N <= 1000$$

 $^{\circ}~1 <= A[i] <= 10000$, where A[i] is the i^{th} integer in the array.

Output Format

 $\,\,\cdot\,\,$ Print the N integers of the array in the reverse order, space-separated on a single line.

Sample Input

4 1 4 3 2

Sample Output

2 3 4 1