

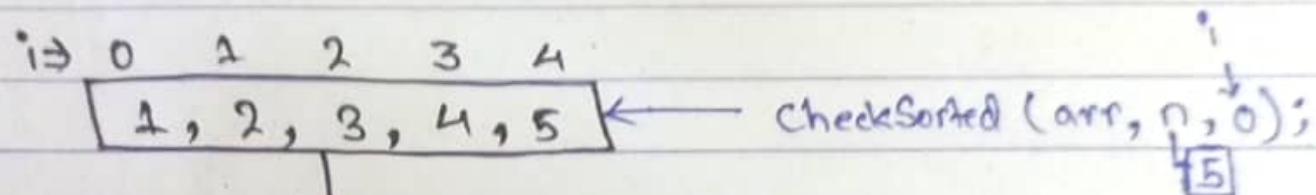
Array

Type-1

Int Return Type ; Passing more than 1 Argument.

1) Is Array Sorted ; If Yes → Print "Sorted Array";
No → Print "Not Sorted Array";

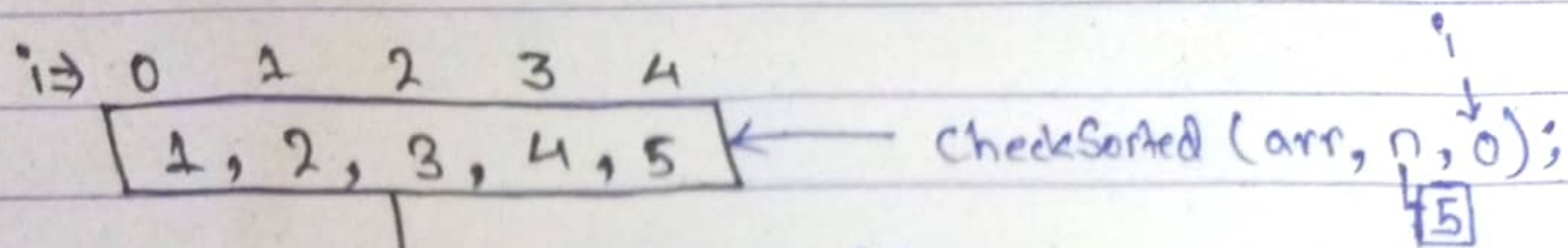
E.g: → [1, 2, 3, 4, 5]



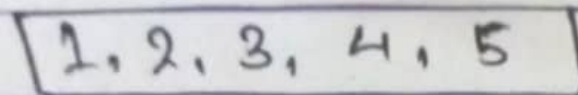
(1) • arr[0] < arr[1]
• checkSorted(arr, n, 1)

1	2	3	4	5
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i = 1 ② arr[1] < arr[2]

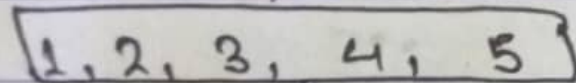


(1) $\cdot \text{arr}[0] < \text{arr}[1]$
 $\cdot \text{checkSorted}(\text{arr}, n, 1)$



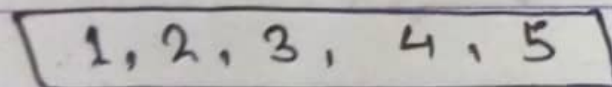
$i=1$

(2) $\text{arr}[1] < \text{arr}[2]$
 $\cdot \text{checkSorted}(\text{arr}, 5, 2)$

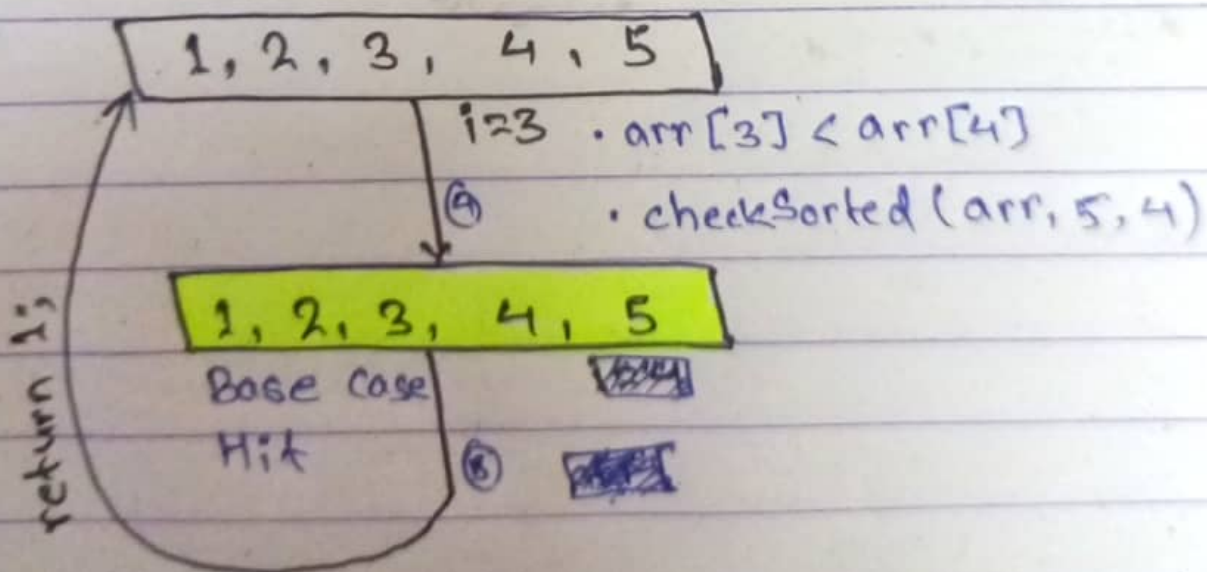
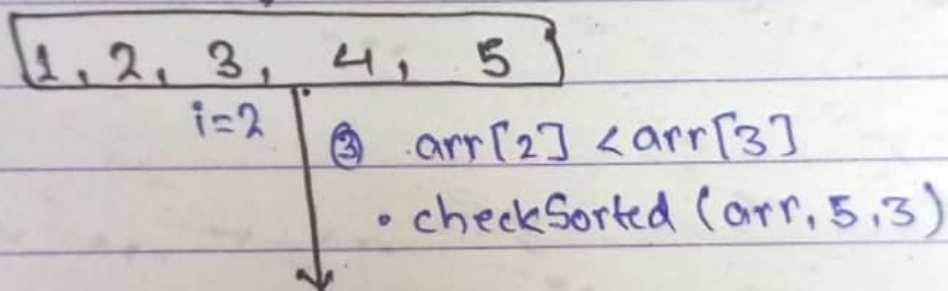
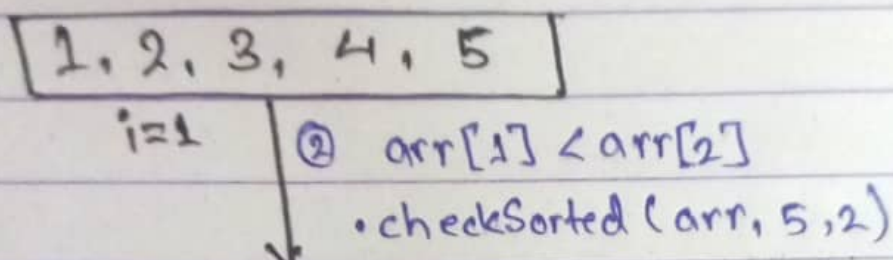
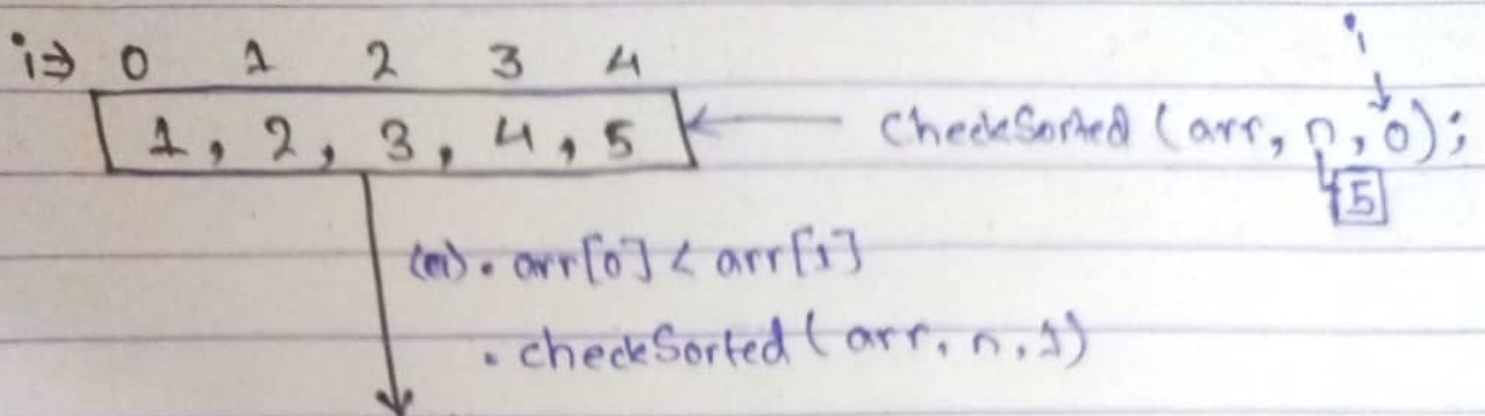


$i=2$

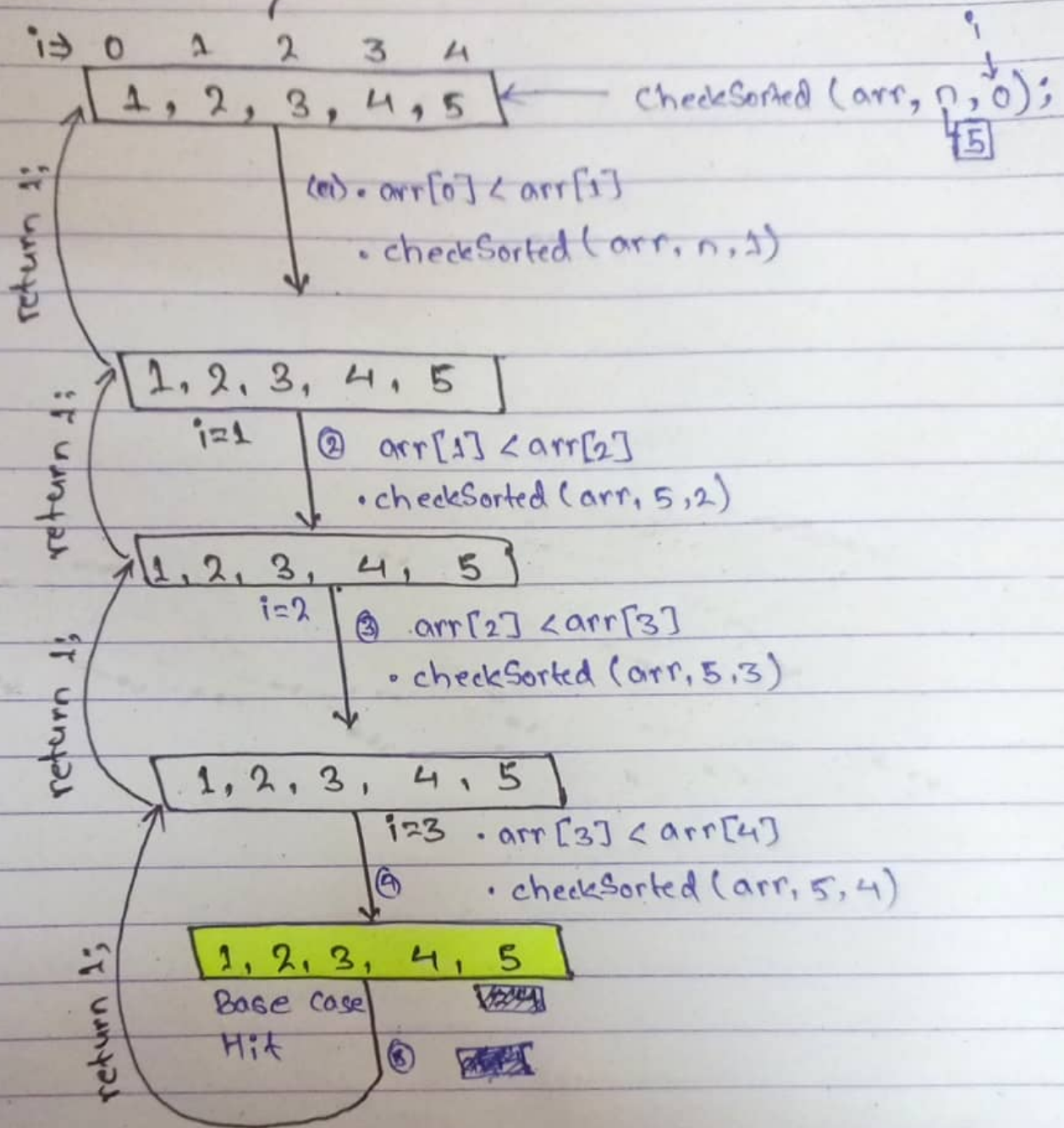
(3) $\text{arr}[2] < \text{arr}[3]$
 $\cdot \text{checkSorted}(\text{arr}, 5, 3)$



$i=3$

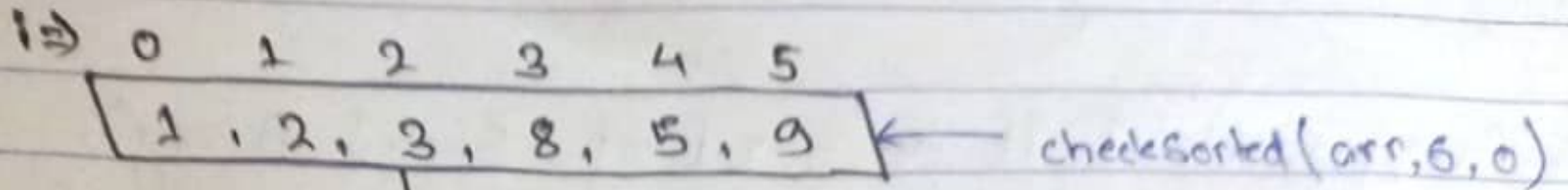


E.g. $\rightarrow [1, 2, 3, 4, 5]$ $\xrightarrow{\text{return 1;}}$ (To main function.)

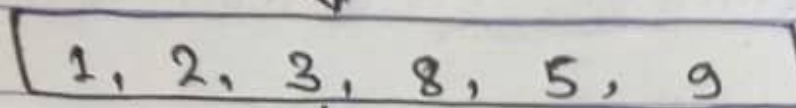


E.g. 2:

1, 2, 3, 8, 5, 9.

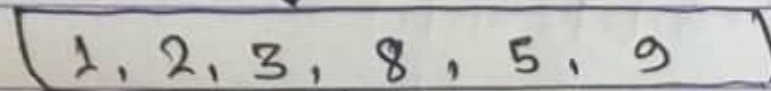


① - $arr[0] < arr[1]$
- checkSorted(arr, 6, 1)



i = 1

② - $arr[1] < arr[2]$
- checkSorted(arr, 6, 2)



i = 2



i = 0 0 1 2 3 4 5

1, 2, 3, 8, 5, 9

checkSorted(arr, 6, 0)

- ① $\text{arr}[0] < \text{arr}[1]$
- checkSorted(arr, 6, 1)

1, 2, 3, 8, 5, 9

i = 1

- ② $\text{arr}[1] < \text{arr}[2]$
- checkSorted(arr, 6, 2)

1, 2, 3, 8, 5, 9

i = 2

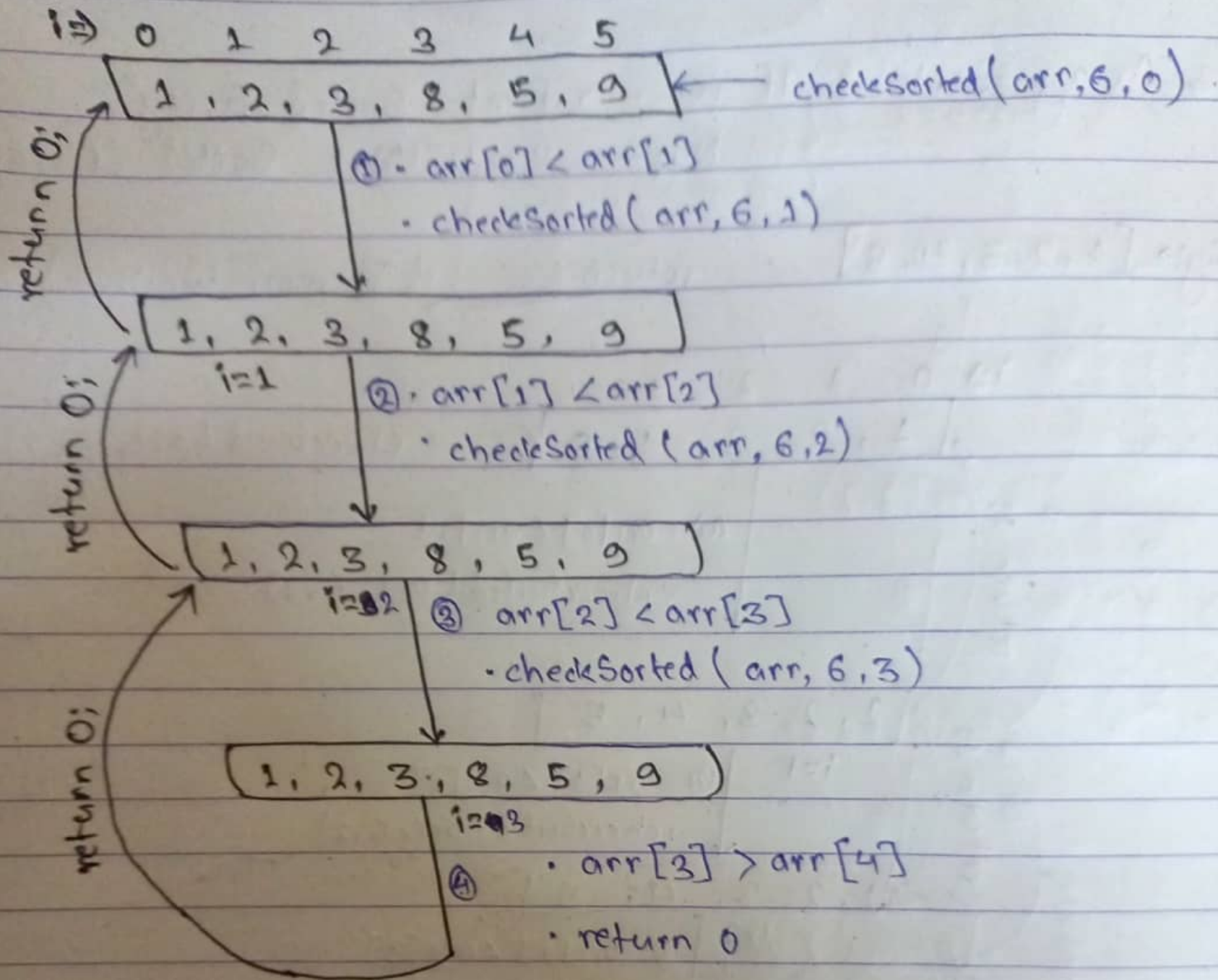
- ③ $\text{arr}[2] < \text{arr}[3]$
- checkSorted(arr, 6, 3)

1, 2, 3, 8, 5, 9

i = 3

- ④ $\text{arr}[3] > \text{arr}[4]$
- return 0

return 0;



E.g. 2:

1, 2, 3, 8, 5, 9.

return 0; To main function;

