Exno: 86	Title:
Date: 29-11-2021	Returning an Array as Argument

Algorithm:

Step 1: Start

Step 2: Declare necessary variables and function with get_details

Step 3: Read number of elements from user to be entered in arrays for roll number and marks.

Step 4: Check if the marks are above 70. These roll numbers having marks above 70 are returned to main function using pointers.

Step 5: In main function, arrange the roll numbers in ascending order.

Step 6: Print all necessary outputs.

Expected Output:

Enter Number of Students:

Enter the Student Register numbers:

45481

13241

97413

22546

134546

Enter Student's Corresponding Marks:

64

92

72

84

55

of the roll numbers of students who got above 70 are: 13241 22546 97413

Flowchart:

```
            ┌──────────────┐
            │    START     │
            └──────┬───────┘
                   │
        ┌──────────▼───────────┐
        │ Declare all the       │
        │ necessary variables   │
        │ and function          │
        │ get_details           │
        └──────────┬───────────┘
                   │
        ┌──────────▼───────────┐
        │     get_details       │
        └──────────┬───────────┘
                   │
       ┌───────────▼────────────┐
       │ Read number of elements │
       │ from user to be entered │
       │ in arrays for roll      │
       │ number and marks.       │
       └───────────┬────────────┘
                   │
              ◇─────▼─────◇
              ◇  mark > 70 ◇
              ◇───────────◇
              │            │
   ┌──────────▼──┐    ┌────▼──────────────┐
   │ Return roll  │    │ Ignore roll        │
   │ number having│    │ numbers not having │
   │ mark above 70│    │ mark above 70      │
   └──────────┬──┘    └────┬──────────────┘
              │            │
        ┌─────▼────────────▼──┐
        │ Arrange the roll      │
        │ numbers in Ascending  │
        │ order                 │
        └──────────┬───────────┘
                   │
        ┌──────────▼───────────┐
        │ Display the roll       │
        │ numbers having marks   │
        │ above 70               │
        └──────────┬───────────┘
                   │
            ┌──────▼───────┐
            │    STOP      │
            └──────────────┘
```