Algorithm

1. Start

2. Declare array [5]

3. Read array elements

   3.1 for (int i > 0; i < 5; i++)
       scanf ("%d", array + i)

4. Display array elements
   for (int i > 0; i < 5; i++)
   printf ("%d\n", *(array + i).

5. Stop

Flowchart

```
        ( Start )
            |
            v
   Declare array[5]
            | T
            v
  Read array elements
            | T
            v
  for (int i>0; i<5; i++)
            |
            v
  Scanf ("%d", array +i)
            | T
            v
  Display array elements
            | T
            v
  for(int i=0; i<5; i++
            | T
            v
  Printf ("%d", \n", *(array +i)
            | T
            v
        ( Stop )
```