

Consider the following array(a) with 5 elements.

4	3	7	9	5
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What is the final arrangement of the above array after executing the following code(algorithm)?

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for(int i=0; i< n-1; i++)
{
    int num = i;
    for(int j=i+1; j<n; j++)
    {
        if(a[j] < a[num])
        {
            num = j;
        }
        if (num != i)
        {
            swap(a[i], a[num]) //this is used to swap two numbers
        }
    }
}
```