**Question:**

Given an integer array, called A, which contains positive integers. Write a program which reverses only the odd elements of A, in their positions. All the even elements of array A maintain their positions. For example, following is an instance of A with ten positive integers. The ones in bold are odd (i.e. 5, 1, 3, 7, 9, 11). The corresponding output is given below.

A (input)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **5** | **1** | 6 | **3** | 6 | 8 | **7** | **9** | 10 | **11** |

A (output, after swapping the odd elements)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **11** | **9** | 6 | **7** | 6 | 8 | **3** | **1** | 10 | **5** |

|  |
| --- |
| **NOTE: input output of array is not compulsory** |