

*Write a program to create
an array of 10 elements,
initialize each element a
random value (1 to 50).
Print the array values.
Then, **Reverse the values**
stored in array. Output the
final array values.*

```

#include <iostream>
using namespace std;
void printarr(int array[], int size) {
    int i;
    for (i = 0; i < size; i++) {
        array[i] = rand()%50+1; //To generate
Random numbers
        cout << "arr[" << i << "]: " << array[i]<<endl;
    }
}
void reversearr(int array[], int start, int end) {
    while (start < end) {
        int temp = array[start];
        array[start] = array[end];
        array[end] = temp;
        start++;
        end--;
    }
}
int main() {
    int arr[10];
    printarr(arr, 10);
    reversearr(arr, 0, 9);
    cout << "\nAfter Reversing the number:\n";
    for (int i = 0; i < 10; i++) {
        cout << "arr[" << i << "]: " << arr[i] << endl;
    }
}

```