

Problem:2

Given an array **arr[]**, the task is to **reverse** the array. Reversing an array means **rearranging** the elements such that the **first** element becomes the **last**, the **second** element becomes **second last** and so on.

Ans:

Code:

```
#include <stdio.h>

void reverseArray(int arr[], int size) {
    for (int i = 0; i < size / 2; i++) {
        int temp = arr[i];
        arr[i] = arr[size - i - 1];
        arr[size - i - 1] = temp;
    }
}

int main() {
    int arr[] = {1, 4, 3, 2, 6, 5};
    int size = sizeof(arr) / sizeof(arr[0]);
    reverseArray(arr, size);
    printf("Reversed array: ");
    for (int i = 0; i < size; i++) {
        printf("%d ", arr[i]);
    }
    printf("\n");
    return 0;
}
```