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#include <stdio.h>

int main() {

int n;

printf("\t\t\*\*\* Array Reverser \*\*\*\n\n");

// Input the size of the array

printf("Enter the size of the array: ");

scanf("%d", &n);

int arr[n]; // Declare an array of size n

int \*ptr = arr; // Pointer to the array

// Input elements of the array

printf("Enter the elements of the array:\n");

for (int i = 0; i < n; i++) {

printf("%d : ", i);

scanf("%d", ptr + i); // Store input at the pointer location

}

// Print array elements in reverse order

printf("\nArray elements in reverse order:\n");

for (int i = n - 1; i >= 0; i--) {

printf("%d ", \*(ptr + i)); // Access elements in reverse using pointer arithmetic

}

printf("\n");

return 0;

}

\*\*\* Array Reverser \*\*\*

Enter the size of the array: 5

Enter the elements of the array:

0 : 9

1 : 7

2 : 8

3 : 1

4 : 3

Array elements in reverse order:

3 1 8 7 9