Print Array using Recursion

#include <stdio.h>

// Recursive function to display the elements of the array

void Display(char array[], int size, int index) {

if (index == size) {

return; // Base case: If index equals size, stop the recursion

}

printf("%c ", array[index]);

Display(array, size, index + 1);

}

int main() {

int size;

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

scanf("%d", &size);

char arr[size];

printf("Enter the elements of the array (characters): ");

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

scanf(" %c", &arr[i]);

}

// Call the recursive function starting with index 0

Display(arr, size, 0);

return 0;

}

