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| 16) | Write a C program to arrange a series of numbers using Insertion Sort |
| #include <math.h>  #include <stdio.h>  void insertionSort(int arr[], int n)  {  int i, key, j;  for (i = 1; i < n; i++)  {  key = arr[i];  j = i - 1;  while (j >= 0 && arr[j] > key)  {  arr[j + 1] = arr[j];  j = j - 1;  }  arr[j + 1] = key;  }  }  void printArray(int arr[], int n)  {  int i;  for (i = 0; i < n; i++)  printf("%d ", arr[i]);  printf("\n");  }  int main()  {  int arr[] = {12, 11, 13, 5, 6};  int n = sizeof(arr) / sizeof(arr[0]);  insertionSort(arr, n);  printArray(arr, n);  return 0;  } |  |

