```
* #include <stdio.h>
// Function to Print an array
void PrintArray(int array[], int size){
  for (int i = 0; i < size; i++){
  Printf("%d", array[i]);
}
  Printf("\n");
}
void insertionSort(int array[], int size)
{
  for (int step = 1; step < size; step++)
{
int key = array[step];
int j = step - 1;
```

```
// compare key with each element
on the left of it until an element
smaller than
// it is found.
// For descending order, change key <
        array[j] to key > array[j].
while (key < array[j] && j >=0){
  arr[j+1] = array[j]; --j;
}
  array[j+1] = key;
}
}
// Driver code
  int main () {
 int data = {9,5,1,4,3};
 int size = sizeof (data);
```

```
sizeof (data[0]);
insertion sort (data, size);
Print f("sorted array in ascending
        order: \n");
Print Array (data, size);
}
```