**Question 1**

**1. Write the function for insertion sort.**

void insertion\_sort(int arr[])

{

for(int i=1; i<arr.length; i++)

{

int pos=i-1;

while(pos>=0 && arr[pos]>arr[i])

{

int temp=arr[pos];

arr[pos]=arr[i];

arr[i]=temp;

pos--;

}

}

}