**Insertion Sort Implementation**

* **Source Code:**

#include<stdio.h>

int main()

{

int i,j,n,key;

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

scanf("%d",&n);

int a[n];

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

scanf("%d",&a[i]);

for(i=1;i<n;i++)

{key=a[i];

{for(j=i-1;j>=0&&a[j]>key;j--)

a[j+1]=a[j];

}

a[j+1]=key;

}

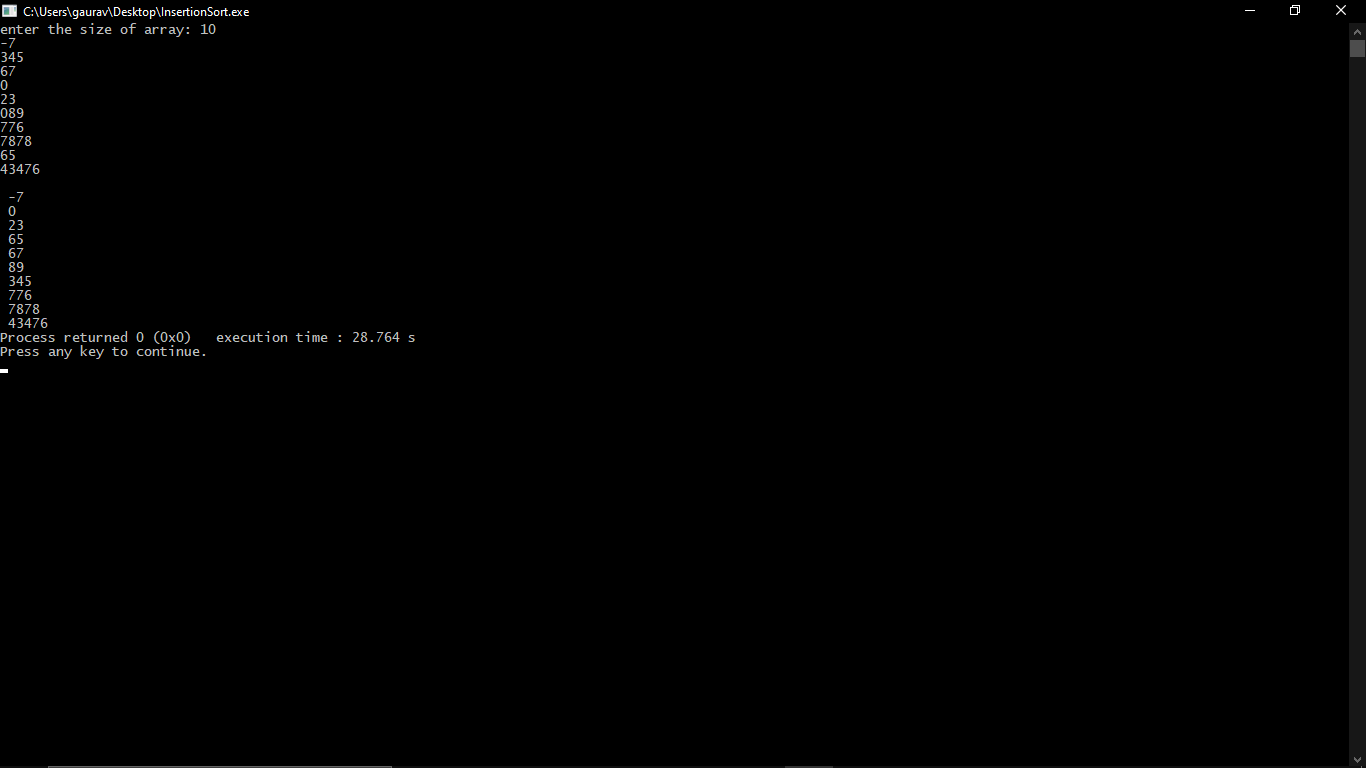
for(i=0;i<n;i++)

printf(" \n %d",a[i]);

return 0;

}

* **Output :**

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