//Insertion Sort

#include <stdio.h>

#include<stdlib.h>

int main()

{

int values[5];int i,j,tmp;

printf("Enter 5 integers: ");

for(i = 0; i < 5; ++i)

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

for(i=1;i<5;i++)

{

j=i;tmp=values[i];

while(j>0&&values[j-1]>tmp){values[j]=values[j-1];j=j-1;}

values[j]=tmp;

}

printf("\nInsertion sorted array.....");

for(i = 0; i < 5; ++i)

printf("%d",values[i]);

return(0);

}

Output-

Enter 5 integers: 5

4

3

2

1

Insertion sorted array.....12345