Insertion short:

1. Select a number.

2. Check it’s previous number

i) If it is bigger than select number, transfer it next position.

ii) If smaller, do nothing

3. Set the select number in the vacancy place.

Code:

#include <stdio.h>

int main()

{

int num[100], n, i, j, x;

printf("How many number:");

scanf("%d", &n);

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

{

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

}

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

{

x = num[i];

j=i-1;

while(j >= 1 && num[j] > x)

{

num[j+1] = num[j];

j--;

}

num[j+1] = x;

}

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

{

printf("%d\t", num[i]);

}

return 0;

}