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main.c

1

2 #include <stdio.h>

3 main() {

4 int LA[]={1,3,5,7,8};

5 int item=10,k=3,n=5;

6 int i=0,j=n;

7 printf("the original array element");

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

9 printf("LA[%d]=%d \n",i,LA[i]);

10 }

11 }

Run

Output

Clear

/tmp/SJKbdRzxmf.o
the original array elementLA[0]=1
LA[1]=3
LA[2]=5
LA[3]=7
LA[4]=8

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3 main() {

4 int LA[]={1,3,5,7,8};

5 int item=10,k=3,n=5;

6 int i=0,j=n;

7 printf("the original array element\n");

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

9 printf("LA[%d]=%d \n",i,LA[i]);

10 }

11 n=n+1;

12 while(j>=k){

13 LA[j+1]=LA[j];

14 }

15 LA[k]=item;

16 printf("the array element after insertion:\n");

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

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

19 }

20 }

Run

Output

Clear

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the original array element

LA[0]=1

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6 int i=0,j=n;

7 printf("the original array element\n");

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

9 printf("LA[%d]=%d \n",i,LA[i]);

10 }

11 j=k;

12 while(j>=n){

13 LA[j-1]=LA[j];

14 }

15 n=n-1;

16 printf("the array element after deletion:\n");

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

18 printf("LA[%d]=%d\n",i,LA[i]);

19 }

20 }

Run

Output

Clear

/tmp/SJKbdRzxmF.o

the original array element

LA[0]=1

LA[1]=3

LA[2]=5

LA[3]=7

LA[4]=8

the array element after deletion:

LA[0]=1

LA[1]=3

LA[2]=5

LA[3]=7

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