1. Write a main function to sort the integers in array x, created randomly with integers

between 0 and 200, so that, at the end, the smallest one is in position zero and the

largest one is in position SIZE – 1. You can use a second array or do it in place

(suggestion: search and swap).

#include<stdio.h>

int

main(void)

int i;

int temp;

temp=0;

for(i=0;i<200;i++)

{

int j;

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

{

scanf("%d",&x);

if(x[i]<x[j]）

{

temp==x[i];

x[i]==x[j];

x[j]==temp;

i++;

}

}

printf("%d\n",x);

return 0;

}

akdfjakfdsjdjkaldshgaklgdjhldakjdfkgdkja

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

{

min=x[i];

pos=i;

for(j=i+1;i<size;j++)

{

if(x[j]<min)

{

min=x[j];

pos=j;

}

}

temp=x[i];

x[i]=x[pos];

x[pos]=temp;

}

2. Write the code to shift array x by 1 element. The first element becomes zero and the

last element disappears.

#include<stdio.h>

int

main(void)

int i;

size=count(i);

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

{

scanf("%d",&x);

while(i<1)

{

x[i]=="\0";

else

{

x[i]==x[i-1];

}

printf("%d\n",x);

return 0;

}

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for(i=size-2;i>=0;i--)

{

x[i+1]=x[i];

}

x[0]=0;

3. Write the code to shift array x by 5 elements. The first 5 elements become zeros and

the last 5 elements disappear.

#include<stdio.h>

int

main(void)

int i;

size=count(i);

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

{

scanf("%d",&x);

while(i<5)

{

x[i]=="\0";

}

else

{

x[i]==x[i-5];

}

printf("%d\n",x);

return 0;

}

asdfglkadjqiruoiuznxcknanfg,mnjgasdfjlkasjkfl

for(i=size-6;i>=0;i--)

{

x[i+5]=x[i];

}

x[0]=x[1]=x[2]=x[3]=x[4]=0;

asdfghjuiopppplplpkokokijjuungnbcfcfvhghgghgvgcg

scanf("%d",&jump);

for(i=size-jump-i;i>=0;i--)

{

x[i+jump]=x[i];

}

for(i=0;i<jump;i++）

{

x[i]=0;

}

4. Write the code to reverse array x.

#include<stdio.h>

int

main(void)

int temp;

temp=0;

int i;

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

{

scanf("%d",&x):

temp==x[i];

x[i]==x[size-i]

x[size-i]==temp;

}

printf("%d\n",x);

return 0;

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for(i=0,j=size-1;i<j;i++,j--)

{

temp=x[i];

x[i]=x[j];

x[j]=temp;

}