实验6

1.

#include <iostream>

using namespace std;

int main()

{

int i,n,\*x,sum=0;

cout<<"请输入n:";

cin>>n;

x=new int[n];

cout<<"请输入"<<n<<"个整数";

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

{

cin>>\*x;

sum+=\*x;

x++;

}

cout<<"sum="<<sum<<endl;

system("pause");

return 0;

}

2.

#define N 10

#include <iostream>

using namespace std;

int main()

{

char \*s;

int i,k=0;

s=new char[N+1];

cin>>s;

while(\*s!='\0')

{

k=k\*10+\*s-'0';

s++;

}

cout<<"k="<<k<<endl;

system("pause");

return 0;

}

3.

#define N 30

#include <iostream>

using namespace std;

int main()

{

char \*s,\*t;

int len1,len2;

s=new char[2\*N];

t=new char[N];

gets(s);

gets(t);

len1=strlen(s);

len2=strlen(t);

while(\*t!='\0')

{

\*(s+len1)=\*t;

s++;

t++;

}

\*(s+len1)='\0';

s=s-len2;

cout<<"连接后的字符串："<<s<<endl;

system("pause");

return 0;

}

4.

#define N 30

#include <iostream>

using namespace std;

int main()

{

char \*s1,\*s2;

int i,m;

s1=new char[N];

s2=new char[N];

gets(s1);

cin>>m;

i=m-1;

while(\*(s1+i)!='\0')

{

\*s2=\*(s1+i);

s2++;

i++;

}

\*s2='\0';

s2=s2-(i-(m-1));//将s2置回指向开头的位置

cout<<"部分复制后的字符串："<<s2<<endl;

system("pause");

return 0;

}

5.

#define N 30

#include <iostream>

using namespace std;

int main()

{

char \*s,\*t,\*p,ch;

t=s=new char[N];

gets(s);

cin>>ch;

while(\*s!='\0')

{

if(ch==\*s)

{

for(p=s;\*p!='\0';p++)

\*p=\*(p+1);

s--;

}

s++;

}

s=t;

cout<<s<<endl;

system("pause");

return 0;

}

6.

#define N 50

#include <iostream>

using namespace std;

int main()

{

char \*s,\*imax,\*imin,\*p;

s=new char[N];

gets(s);

imax=imin=s;

while(\*s!='\0')

{

if(\*s>\*imax)

imax=s;

else if(\*s<\*imin)

imin=s;

s++;

}

if(imax>imin)

{

p=imin+1;

while(p<imax)

cout<<\*p++;

}

else

{

p=imax+1;

while(p<imin)

cout<<\*p++;

}

system("pause");

return 0;

}