int a[20];

int \*x=a;

a[0]等价于\*x

a[1]等价于\*(x+1)

int \*x = new int[10];

x[1]=45;

x[2]=8;

删除一个动态数组：

delete []x;

#include <iostream>

#include <string>

int main()

{

unsigned int count = 0;

std::cout<<"Enter number of array:\n";

std::cin>>count;

int \*x = new int[count];

for(int i=0;i<count;i++)

{

x[i] = i;

}

for(int i=0;i<count;i++)

{

std::cout<<"x["<<i

<<"]="<<x[i]<<"\n";

}

return 0;

}