#include<iostream>

using namespace std;

int main(){

// basic example

int a =5;

int\* p = &a;

cout<<\*p<<endl;

cout<<p<<endl;

//new keyword

int \*ptr1 = new int(90);

float \*ptr2 = new float(89.90);

cout<<\*ptr1<<endl;

cout<<\*ptr2<<endl;

int \*arr = new int[5];

arr[0] = 1;

arr[1] = 10;

arr[2] = 100;

arr[3] = 1000;

arr[4] = 10000;

// delete operator

delete[] arr;

for(int i=0; i<5; i++){

cout<<arr[i]<<endl;

}

return 0;

}