

```

#include <iostream>
using namespace std;
int main()
{
    int list[5] = { 2, 4, 6, 8, 10 }; //Part A Declaring an array
    int *listptr1 = &list[1]; //Part B Declaring a pointer and assign it to the 2nd
element of the array (position 1)
    int *listptr2 = &list[2]; //Part C Declaring a pointer and assign it to the 3rd
element of the array (position 2)
    int *listptr3 = &list[3]; //Part D Declaring a pointer and assign it to the 4th
element of the array (position 3)

    cout << "part D: " << &list << " " << &listptr1 << " " << &listptr2 << " " <<
&listptr3 << endl; //Part D continuation Prints the addresses of these pointers
    cout << "part E:" << " ";
    for (int i = 0; i < 5; i++) //Part E in a for loop do this:
    {
        cout <<list[i]<< " "; //Print the value of the elements of the list array
    }
    cout << endl;
    cout <<"part F: " << *list << endl; //Part F Prints the value of the first element
using list as pointer
    cout << "part G: " << *listptr1 << " " << *listptr2 << " " << *listptr3 << endl;
//Part G Prints the values of these pointers

    listptr1++; //Part H Increment the value of this pointers by 1
    listptr2++;
    cout << "part H: " << *listptr1 << " " << *listptr2 << endl; // Prints this new
values
    listptr3 -= 2; // Part I decrement by 2 the value of listptr3
    cout << "part I: " << *listptr3 << endl; //Prints the new value
    cout << "part J: " << &list << " " << &listptr1 << " " << &listptr2 << " " <<
&listptr3 << endl; //Part J Prints the addresses of these pointers
}

```