QUE.

Write a C++ program to have an array initialized with 10 integer values and a array pointer. Accept a number from user and traverse the array using the pointer to check whether the number is present in the array.

```cpp
#include <iostream>
using namespace std;
int main(){
    int array[10];
    int n;
    int *ptr;
    ptr=array;
    for (int i=0;i<10;i++){
        cout<<"Enter the elements:";
        cin>>array[i];
    }
    cout<<"-----------------------"<<endl;
    for (int i=0;i<10;i++){

        cout<<"Entered element are:"<<array[i]<<endl;
    }
    cout<<"Enter the element to be search:";
    cin>>n;
    for (int i=0;i<10;i++){
        if(n==*(ptr+i)){
            cout<<"The position of element is "<<i+1<<endl;
        }
        else
        {
            cout<<"The element is not present in the array!!"<<endl;
        }
    }
    return 0;
}
```