Program to Demonstrate Pointer Arithmetic

```cpp
#include <iostream>
using namespace std;

int main()
{
    int A[5]={2,4,6,8,10};
    int *p=A,*q=&A[4];

    cout<<*p<<endl;
    cout<<endl;

    p++;
    cout<<*p<<endl;
    cout<<endl;

    p--;
    cout<<*p<<endl;
    cout<<endl;

    cout<<p<<endl;
    cout<<p+2<<endl;
    cout<<endl;

    cout<<*p<<endl;
    cout<<*(p+2)<<endl;
    cout<<endl;

    cout<<q-p<<endl;
    cout<<p-q<<endl;

    return 0;
}
```