

Pointer practice

What is printed in each set of statements?

```
int a = 1;
int b = 2;
int* p = &a;
cout << *p << endl;
p = &b;
cout << *p << endl;
```

```
int a = 1;
int b = 2;
int* p = &a;
int * q = &b;
*p = *q;
cout << a << " " << b << endl;
```

```
int a = 15;
int * p = &a;
int * q = &a;
cout << *p + *q << endl;
```

```
int a = 15;
int * p = &a;
int * q = &a;
*p = * p + 10;
cout << *q << endl;
```

```
int a = 15;
int * p = &a;
cout << *p << " " << p << endl;
```

```
int a[ ] = {2,3,5};
cout << *a + 2 << endl;
cout << *(a+2) << endl;
```

What is the contents of the array after each set of statements?

```
int a[ ] = {2,3,5};
int * p = a + 1;
*(p + 1) = 0;
```

```
int a[ ] = {2,3,5};
int * p = a;
int *q = a + 2;
p++;
q - -;
*p = * q;
```

Declare the following parameter using pointer notation.

```
void squares(int n, int result[ ])
{
    //not important for problem
}
```