

Pointer Exercise 3

Explain the following lines of code (*and indicate any errors*):

```
int numbers[3] = {8,10,12};
```

8	10	12
A0	A4	A8

```
const int* ptr1 = &numbers[2];
```

```
int* const ptr2 = &numbers[0];
```

```
cout << *ptr1 << endl;
```

```
cout << *ptr2 << endl;
```

```
ptr1 = &numbers[1];
```

```
ptr2 = &numbers[2];
```

```
*ptr1 = 20;
```

```
*ptr2 = 25;
```

```
const int values[3] = {1, 9, 8};
```

1	9	8
B0	B4	B8

```
int* p1 = &values[1];
```

```
const int* p2 = &values[1];
```

```
int* const p3 = &values[1];
```

```
const int* const p4 = &values[1];
```