

Regular variable

```
int count = 10;
void example( int i) {
    cout << i;
    i = 30;
}
int main() {
    example(count);
    cout << count;
    return 0;
}
// terminal output
10
10
```

Reference

```
int count = 10;
void example( int& i) {
    cout << i;
    i = 30;
}
int main() {
    example(count);
    cout << count;
    return 0;
}
// terminal output
10
30
```

Pointer

```
int count = 10;
int* pCount = &count;
void example( int* i) {
    cout << *i;
    *i = 30;
}
int main() {
    example(pCount);
    cout << count;
    return 0;
}
// terminal output
10
30
```

C

By **adamvm**

cheatography.com/adamvm/

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