Question(s) for rec04 - Pointers

4. Consider the following code. What would be the result when attempting to compile-and-run the program? Completely fill the circle next to your choice.

```cpp
class Thing {
public:
    Thing(int val) : val(val) {}          // Line A
    void meth() {
        this = nullptr;                   // Line B
        cout << val << endl;              // Line C
    }
private:
    int val;
};

int main() {
    Thing aThing(17);
    aThing.meth();
}
```

○ Displays: 17
○ Displays a blank line
○ Undefined display value
○ Compilation error at line A

○ Compilation error at line B
○ Compilation error at line C
○ Compiles but crashes
○ None of the above