#include <iostream>

using namespace std;

int main() {

int x, y;

cin >> x >> y;

if (x == 0 || y == 0)cout << "Error";

if (x > 0 && y > 0)cout << "Answer: I";

if (x < 0 && y > 0)cout << " Answer: II";

if (x < 0 && y < 0)cout << " Answer: III";

if (x > 0 && y < 0)cout << " Answer: IV";

}