https://github.com/MeDoByXa3890/-

#include <iostream>

#include <math.h>

using namespace std;

int PowerA3(int a, int b) {

b = pow(a, 3);

cout << b << endl;

return b;

}

int Sign(int x) {

int x1;

if (x < 0) {

x1 = -1;

return x1;

}

if (x == 0) {

x1 = 0;

return x1;

}

if (x > 0) {

x1 = 1;

return x1;

}

}

float RingS(float r1, float r2) {

cout << abs(3.14 \* (pow(r1, 2) - pow(r2, 2))) << endl;

return r1;

}

int Quater(int x, int y) {

if (x > 0 && y > 0) return 1;

if (x > 0 && y < 0) return 4;

if (x < 0 && y > 0) return 2;

if (x < 0 && y < 0) return 3;

}

double Fact2(int n) {

if (n % 2 == 0) {

int i = 4;

int m = 2;

while(i<=n) {

m = m \* i;

i += 2;

}

return m;

}

if (n % 2 == 1) {

int i = 3;

int m = 1;

while (i <= n) {

m = m \* i;

i += 2;

}

return m;

}

}

int main() {

int n;

while (true) {

cout << "Input task number: ";

cin >> n;

switch (n) {

case 0:

return 0;

case 1: {

int a, b = 0;

for (int i = 0; i < 5; i++) {

cin >> a;

PowerA3(a, b);

}

}break;

case 2: {

int x, a, b;

cin >> a >> b;

x = a;

a = Sign(x);

x = b;

b = Sign(x);

cout << a + b << endl;

}break;

case 3: {

float r1, r2;

for (int i = 0; i < 3; i++) {

cin >> r1 >> r2;

RingS(r1, r2);

}

}break;

case 4: {

int x, y;

for (int i = 0; i < 3; i++) {

cin >> x >> y;

cout << Quater(x, y) << endl;

}

}break;

case 5: {

int n, m;

cin >> n;

cout << Fact2(n) << endl;

}

}

}

}