2017~2018秋冬OOP课程第1次随堂测试

**Write the output of the code below:**

#include <iostream>;

class test {

int num;

public:

test(int ii=0 );

~test( );

int get( ) {return num;}

void set(int num ) { this->num = num;}

};

test::test(int ii)

{

num = ii;

std::cout << "Constructor is active, num is " << num << std::endl;

}

test::~test( )

{ std::cout << "Desdtructor is active" << std::endl; }

void main( )

{

for (int i = 0; i<2; i++){

test m(i);

static test n;

m.set(m.get()+1);

n.set(n.get()+1);

std::cout << m.get() << " " << n.get() << std::endl;

}

}

Answer:

Constructor is active, num is 0

Constructor is active, num is 0

1 1

Destructor is active

Constructor is active, num is 1

2 2

Destructor is active

Destructor is active

评分标准：总分3分

每一行0.25 ，只要参加就1分