

C 习题与解析(引用-01) PDF转换可能丢失图片或格式，建议  
阅读原文

[https://www.100test.com/kao\\_ti2020/133/2021\\_2022\\_C\\_\\_\\_E4\\_B9\\_A0\\_E9\\_A2\\_98\\_E4\\_c97\\_133927.htm](https://www.100test.com/kao_ti2020/133/2021_2022_C___E4_B9_A0_E9_A2_98_E4_c97_133927.htm) 01.分析以下程序的执行结果

```
#include <iostream>
using namespace std;
class Sample {
public:
    Sample(int a):a(a){}
    Sample(Sample& a):a(a.a){}
    Sample(int a, char*& y):a(a){}
    Sample(Sample& a, char*& y):a(a.a){}
    void disp() const {cout << a << endl;}
};
void main() { Sample s1(2),s2(s1). s2.disp(). }
```

解：本题说明类拷贝构造函数的使用方法。Sample类的Sample(Sample& x, char\*& y) // 引用作为参数 { char \*temp. temp=x.x=y.y=temp. }

```
void main() { char *ap="hello". char *bp="how are you?".
cout<<ap<<endl; swap(ap, bp); cout<<ap<<endl; }
```

本程序的执行结果如下：  
ap:hello bp:how are you? swap ap, bp ap:how are you? bp:hello  
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