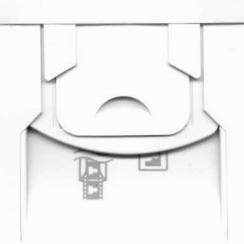
```
考试科目: (958) C + +程序设计(II)
                                                   共 8 页
   ★★★★ 答题一律做在答题纸上,做在试卷上无效。 ★★★★
一、阅读下列程序,写出运行结果(共5题,每小题9分,共45分)
   #include(iostream>
   using namespace std;
   int a[8]=\{1, 2, 3, 4, 5, 6, 7\};
   void fun(int *pa, int n);
   int main() {
    int m=8;
    fun(a, m);
    cout << a[7] << end];
    return 0;
   void fun(int *pa, int n)
      for (int j=0; j< n-1; j++)
 2. #include(iostream)
using namespace std;
A{
                                        TH 90.847500896
```

第 1 页/共 8 页 (958) C++程序设计(II)



```
void Move(int x, int y) {
                          a+=x; b+=y;
               void Show() {
                         cout<<"("<<a<<","<<b<<")"<<endl; }
     private:
            int a, b;
    class B: public A{
    public:
             B({\rm int \ i, \ int \ j, \ int \ k \ , \ int \ 1}): \ A(i,j), x(k), y(1) \ \{\}
             void, Show() {cout<<x<<", "<<y<<endl;}</pre>
             void **1 \( \) \{ Move(3, 5); A:: Show(); \}
                                                         THE REPORT OF THE PARTY OF THE 
    private:
             int x, y;
   };
  void main() {
             A a(1, 2);
            a. Show();
            B b(3, 4, 5, 6):
           b. A::Show();
           b. B::Show();
           b. F1();
                                                                                                                                                                                                                                    90.84759089K
#include <iostream.h>
#include "math.h"
class Point
private:
                    double X, Y;
public:
                    Point(double xx=0, double yy=0)
```

```
X=XX; Y=YY;
        cout<<"Point("<<X<<","<<Y<<")"<<endl;
    Point (Point &p)
       X=p. X; Y=p. Y;
        cout<<"Point is copied."<<endl;</pre>
    double Distance (Point &p);
};
double Point::Distance (Point &p)
{ double dx, dy;
   dx = X - p. X;
    dy_1 = Y - p. Y;
    return sqrt ( dx*dx + dy*dy );
Point f (doub)
               , double y)
   Point p(x, ÿ)
   void main()
                                        90.84759089K
4.
#include <iostream>
using namespace std;
class A
public:
   A() \{\}
   A(const A &)
   { cout << "A::A(const A &)" << end1; }
   A & operator = (const A &)
      cout << "A::operator =" << end1; return *this;
         (958) C++程序设计(II) 第 3 页/共 8 页
```

```
};
    int main()
        Aa;
        A b = a;
        b = b;
        return 0;
    5.
    #include iostream>
    using namespace std;
    public:
       Sample(int a) B+=a;}
       static void func (saple& s);
   };
    int Sample::B=0;
   void Sample::func(Sample& s) {
       cout<<" A=" <<s. A<<", B=" <<Boomline Bound1;
   int main() {
       Sample s1(2), s2(7);
                                              90.84759089K
       Sample::func(s1);
       Sample::func(s2);
二、程序改错题(共5题,每小题6分,共30分)
   1.
   #include(iostream)
   using namespace std;
   f(int *a[], int *b[], int n) {
     int s=0;
```

(958) C++程序设计(Ⅱ) 第 4 页/共 8 页

```
for (int i=0; i < n; i++)
    s+=a[i]*b[i];
  return s;
void main()
   double c[4]=\{1.1, 2.2, 3.3, 4.4\}, d[4]=\{10, 0, 100, 0\};
   cout << f(c, d, 4) << end1;
2.
#include iostream>
using tamespace std;
  class AA
 public :
   AA (int i, At j) {
     A = i; B = 
      cout << "Constructor. \n";
AA () {
    cout <<" Destructor. \n" > 956}
~AA () {
private:
                                            90.84759089K
   int A=0, B=0;
};
void AA::Print ()
   cout <<A<<" , " <<B<<endl;
void main ()
   AA *a1, *a2;
   a1 = new AA (1, 2);
   a2 = new AA (3, 4);
```

(958) C++程序设计(Ⅱ) 第 5 页/共 8 页

```
al. Print ();
     a2. Print ();
     delete al;
     delete a2;
3.
#include <iostream>
using namespace std;
void f(char p)
    p ++;
    char &c = *p;
void main()
   char str[] =
f(str + 3);
cout << str << endl,
return 0;</pre>
4.
#include <iostream>
using namespace std;
                                                 90.84759089K
class local
    int x, y;
    int printY(cout<<y;)</pre>
    public:
      void init() \{x=0; y=1\}
      int printX() {cout<<x;}</pre>
void main(void)
```

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```
local a, b, c;
  a.init();
  a.printX();
  b. printY();
5.
#include iostream>
using namespace std;
class Base
public;
        Base(***, c):count(c){}
        virtual print() const=0;
                    HITTHE 1909561
private:
        int count;
};
class Derived:public Base
       Derived():Base(0) {}
Derived(int c):Base(c) {}
void print() const {cout<<"Derived"<<enD;}
</pre>
public:
};
void main()
      Derived d(10);
       Base dd(1);
       Base *pb;
       pb=&d;
       pb->print();
```

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```
Base &cb=d;
       Derived ddd=*pb;
三、编程题(共2题,第1题30分,第2题45分,共75分)
  1. 设计一个时间类 Time,包括 3 个数据成员,时(h),分(m)和秒(s),另外
包括存取各个数据成员和设置时间的成员函数,按 12 小时输出时间设计成员函数
disp12,以及默认构造函数,默认时间为0时0分0秒。运行结果按如下格式输出。
  main 函数部分代码和运行输出如下所示:
  int main()
     Time t1(13, 45, 12), t2(9, 30, 50);
     tl, disp12();
     t2.disp12();
  运行结果为
  01:45:12PM
  09:30:50AM
  2. 编写一个按照平均分对 进行排名的程序。
  输入数据放在名为 abc. txt 的文件中, 学生数量<=100。输出是按学生成绩平均
分递减排好序的学生序号和名字,每个产生占一行。输入和输出格式如下:
  输入格式:
  <学生个数> <课程数目>
  <学生姓名> <课程1成绩> <课程2成绩>... <课程n成绩>
                                P. . 847500806
  输出格式:
  <名次> <学生姓名>
  . . .
  例如输入:
  2 3
  smith 60 50 80
  frank 80 60 70
  输出:
  1 frank
  2 smith
```