**OOP Section (A) Quiz #4**

**Name: 18-Oct-2022**

**Roll No. :**

Q1. Write the output or find the errors for the following program: (5 marks)

(Either write output or write errors only with reason. No need to correct the errors)

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| --- | --- |
| #include <iostream>  using namespace std;  class A{  int \*p;  static int a;    public:  A();  A(int);  A(A&);  void display();  void setter(int);  };  int A::a = 7;  A::A()  {  p= new int (a++);  (\*p)++;  }    A::A(int a)  {  p= new int;  \*p = a;  } | A::A(A &temp)  {  p= new int;  \*p = \*(temp.p);  }  void A::display()  {  cout << \*(this->p) <<endl;    }    void A::setter(int k)  {  \*(this->p) = k;    }    int main() {  A obj1;  A obj2 = obj1;  obj1.display();  obj2.display();    obj2.setter(12);  obj1.display();  obj2.display();  return 0;  } |
| **8**  **8**  **8**  **12** | |