```
What does the following code print out?
#include <iostream>
using namespace std;
class ALPHA {
      public:
            ALPHA() {
                 cout << "a";
            void CLICK( ) {
                  cout << "X";
} ;
class BETA : public ALPHA {
            static int x;
      public:
            void CLICK( ) {
                  cout << x++;
            }
};
int BETA::x = 1;
int main() {
     ALPHA A;
      BETA B;
     A.CLICK();
     B.CLICK();
     ALPHA* ptr = &A;
ptr -> CLICK();
      ptr = &B;
     ptr -> CLICK( );  // uses click function of pointer type (ALPHA)
     A = B;
     A.CLICK();
     cout << endl;</pre>
}
```

Inheritance

**OUTPUT:** 

aaX1XXX