```
class A                              class B : public A
{                                    {
  public:                              public:
    A(int x = 0) { a_ = x; }            B(int x) { a_ = x; }
    void f1()                           void f1(int)
    {                                   {
      std::cout << "A1";                  std::cout << "B1";
    }                                   }
    void f2()                           void f3()
    {                                   {
      std::cout << "A2";                  std::cout << "B3";
    }                                   }
    void f3(int)                        void f4()
    {                                   {
      std::cout << "A3";                  std::cout << "B4";
    }                                   }
  private:                             private:
    int a_;                              int a_;
};                                   };
```

3.   Given the classes above, what is the output from the statements below? If the statement does not compile, write **NC.**

```
A a;
B b(5);

a.f1();   a) _____
b.f1();   b) _____
b.f2();   c) _____
a.f3();   d) _____
b.f1(5);  e) _____
```