

1) What is the output of the following C# code?

```
class Animal {  
    public virtual void Speak() {  
        Console.Write("Animal ");  
    }  
}  
  
class Cat : Animal {  
    public override void Speak() {  
        Console.Write("Meow ");  
    }  
}  
  
class Program {  
    static void Main() {  
        Animal a = new Cat();  
        a.Speak();  
    }  
}
```

A) Animal B) Meow C) Animal Meow D) Error

2) What is the output of the following code?

```
class A {  
    public A() {  
        Console.Write("X ");  
    }  
}  
  
class B : A {  
    public B() {  
        Console.Write("Y ");  
    }  
}  
  
class Program {  
    static void Main() {  
        B obj = new B();  
    }  
}
```

}

A) X Y B) Y X C) Y D) X