

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace BaseDer ived
8 {
9     class Animal
10     {
11         public string Name; //이름
12         public int Age; //나이
13
14         public Animal()
15         {
16         }
17     }
18     class Dog : Animal
19     {
20         public Dog() : base()
21         {
22         }
23     }
24
25     class Cat : Animal
26     {
27         public Cat() : base()
28         {
29         }
30     }
31
32     class Bird : Animal
33     {
34     }
35
36     class Program
37     {
38         static void Main(string[] args)
39         {
40             Dog dog = new Dog();
41             Cat cat = new Cat();
42
43             dog.Name = "개 ";
44             dog.Age = 1;
45             cat.Name = "냥 ";
46             cat.Age = 2;
47
48             Console.WriteLine(dog.Name);
49             Console.WriteLine(dog.Age);
50             Console.WriteLine(cat.Name);
51             Console.WriteLine(cat.Age);
52         }
53     }
54 }
55
56 }
```