Assignment

COURSE TITLE: Object Oriented Programming ‖ Lab

COURSE CODE: CSE 222

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1 create a class called Animal with a method "make_sound()". Then, create two cublasses: "Dog" and "Cat". Override the "make_sound()" method in each subclass to make the dog bark and the cat meow, respectively. Finally, create instances of both subclasses and call the "make_sound()" method on each.

```python
[1]: class Animal:
         def make_sound(self):
             pass

     class Dog(Animal):
         def make_sound(self):
             return "Woof!"

     class Cat(Animal):
         def make_sound(self):
             return "Meow!"
     dog = Dog()
     cat = Cat()

     print("Dog says:", dog.make_sound())
     print("Cat says:", cat.make_sound())
```

```
Dog says: Woof!
Cat says: Meow!
```

```
[ ]:
```