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C204

Finals Task 3. Simple Polymorphism

Problem. Chirp and Tweet

Class Bird:

```
1 from abc import ABC, abstractmethod
2
3 class Bird(ABC):
4
5     @abstractmethod
6     def make_sound(self) -> None:
7         pass
8
9
```

Class Sparrow:

```
1 from bird import Bird
2
3 class Sparrow(Bird):
4
5     def make_sound(self):
6         return "Chirp Chirp"
7
```

Class Parrot:

```
1 from bird import Bird
2
3 class Parrot(Bird):
4
5     def make_sound(self) -> None:
6         return "Tweet Tweet"
```

Class BirdCage:

```
1 class BirdCage:
2
3     def make_bird_sounds(self, birds: list) -> list:
4         sounds = []
5         for bird in birds:
6             sounds.append(bird.make_sound())
7
8 |
```