

Finals Task 3. Simple Polymorphism

Problem. Chirp and Tweet

 **bird.py**

```
from abc import ABC, abstractmethod

class Bird(ABC):
    @abstractmethod
    def make_sound(self) -> str:
        pass
```

 **sparrow.py**

```
from bird import Bird

class Sparrow(Bird):
    def make_sound(self) -> str:
        return "Chirp Chirp"
```

 **parrot.py**

```
from bird import Bird

class Parrot(Bird):
    def make_sound(self) -> str:
        return "Tweet Tweet"
```

 **birdCage.py**

```
from typing import List
from bird import Bird

class BirdCage:
    def make_bird_sounds(self, birds: List[Bird]) -> List[str]:
        return [bird.make_sound() for bird in birds]
```