

Code(performer.py):

```
class Performer:  
    def __init__(self, name: str, age: int):  
        self.name = name  
        self.age = age  
        self.is_alive = True  
  
    def get_name(self) -> str:  
        print(f"{self.name}")  
        return self.name  
  
    def get_age(self) -> int:  
        print(f"{self.age}")  
        return self.age
```

Code(singer.py):

```
from performer import Performer  
  
class Singer(Performer):  
    def __init__(self, name: str, age: int, vocal_range: str):  
        super().__init__(name, age)  
        self.name = name  
        self.age = age  
        self.vocal_range = vocal_range  
        self.is_alive = True  
  
    def vocal_range(self) -> str:  
        print(f"{self.vocal_range()}")
        return self.vocal_range()  
  
    def sing(self) -> None:  
        print(f"{self.name} is singing with a {self.vocal_range} range.")
```

Code(dancer.py):

```
from performer import Performer  
  
class Dancer(Performer):  
    def __init__(self, name: str, age: int, dance_style: str):  
        super().__init__(name, age)  
        self.name = name  
        self.age = age  
        self.dance_style = dance_style  
        self.is_alive = True  
  
    def dance_style(self) -> str:  
        print(f"{self.dance_style()}")
        return self.dance_style()
```

```
def dance(self) -> None:
    print(f"{self.name} is performing {self.dance_style} dance.")
```

Code(test_class.py):

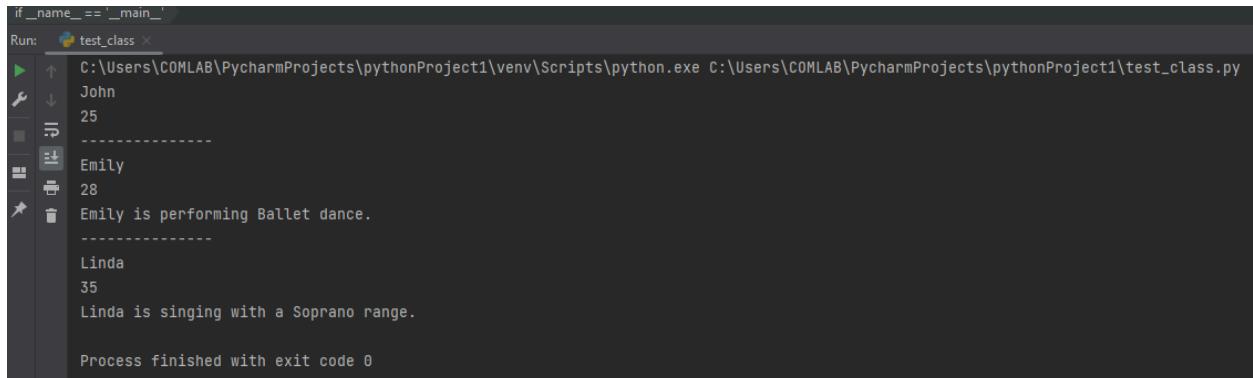
```
from performer import Performer
from singer import Singer
from dancer import Dancer

if __name__ == '__main__':
    case_1 = Performer("John", 25)
    case_1.get_name()
    case_1.get_age()
    print("-----")

    case_2 = Dancer("Emily", 28, "Ballet")
    case_2.get_name()
    case_2.get_age()
    case_2.dance()
    print("-----")

    case_3 = Singer("Linda", 35, "Soprano")
    case_3.get_name()
    case_3.get_age()
    case_3.sing()
```

Output:



```
if __name__ == '__main__':
Run: test_class
    case_1 = Performer("John", 25)
    John
    25
    -----
    case_2 = Dancer("Emily", 28, "Ballet")
    Emily
    28
    -----
    case_3 = Singer("Linda", 35, "Soprano")
    Linda
    35
    Linda is singing with a Soprano range.

Process finished with exit code 0
```