In [21]:
```python
class Employee:
    def __init__(self, name, emp_id, **kwargs):
        super().__init__(**kwargs)
        self.name = name
        self.emp_id = emp_id

    def show_employee(self):
        print(f"Name: {self.name}, ID: {self.emp_id}")

class Manager(Employee):
    def __init__(self, department, **kwargs):
        super().__init__(**kwargs)
        self.department = department

    def show_manager(self):
        print(f"Manages Department: {self.department}")

class Developer(Employee):
    def __init__(self, language, **kwargs):
        super().__init__(**kwargs)
        self.language = language

    def show_developer(self):
        print(f"Specialized in: {self.language}")

class TechLead(Manager, Developer):
    def __init__(self, name, emp_id, department, language, team_size):
        super().__init__(name=name, emp_id=emp_id, department=department, language=
        self.team_size = team_size

    def show_techlead(self):
        print(f"Leads a team of {self.team_size} developers")

    def show_full_info(self):
        self.show_employee()
        self.show_manager()
        self.show_developer()
        self.show_techlead()

lead = TechLead("Suraj", 5005, "IT", "Python", 6)
lead.show_full_info()
```

```
Name: Suraj, ID: 5005
Manages Department: IT
Specialized in: Python
Leads a team of 6 developers
```

In [ ]: