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OOP Report



1. How super Function handle Multiple Inheritance.

super() is a powerful tool in Python, particularly useful in complex multiple
inheritance scenarios. It helps to avoid direct base class references, which can make
the code less flexible and harder to maintain. By correctly using super(), developers
ensure a smooth method resolution path that respects the order and logic of the base
classes

An example:

- 2. Human and Mammal Have the same method as eat but with different Implementation. When Child [Employee] calls eat method how python handle this case.
 - The first eat() it finds is in Human, so that's the one it uses.

```
main.py

1 class Human:
2 def eat(self):
3 print("Human eats with utensils.")
4
5 class Mammal:
6 def eat(self):
7 print("Mammal eats instinctively.")
8
9 class Employee(Human, Mammal):
10 pass
11
12 e = Employee()
13 e.eat()
14
```