# Ex 44: Inheritance versus composition

**ex44a.py**

PS C:\Users\rmann\hort503\lpthw> python ex44a.py

PARENT implicit()

PARENT implicit()

PS C:\Users\rmann\hort503\lpthw>

**ex44b.py**

PS C:\Users\rmann\hort503\lpthw> python ex44b.py

PARENT overide()

CHILD overide()

PS C:\Users\rmann\hort503\lpthw>

**ex44c.py**

PS C:\Users\rmann\hort503\lpthw> python ex44c.py

PARENT altered()

CHILD, BEFORE PARENT altered()

PARENT altered()

CHILD, AFTER PARENT altered()

PS C:\Users\rmann\hort503\lpthw>

**ex44d.py**

PS C:\Users\rmann\hort503\lpthw> python ex44d.py

PARENT implicit()

PARENT implicit()

PARENT overide()

CHILD overide()

PARENT altered()

CHILD, BEFORE PARENT altered()

PARENT altered()

CHILD, AFTER PARENT altered()

PS C:\Users\rmann\hort503\lpthw>

**ex44e.py**

PS C:\Users\rmann\hort503\lpthw> python ex44e.py

OTHER implicit()

CHILD override()

CHILD, BEFORE OTHER altered()

OTHER altered()

CHILD, AFTER OTHER altered()

PS C:\Users\rmann\hort503\lpthw>