```
ubuntu:~/environment/cis131-projects/abstract-classes-and-methods-lab (main) $ ipython3
Python 3.10.12 (main, Feb  4 2025, 14:57:36) [GCC 11.4.0]
Type 'copyright', 'credits' or 'license' for more information
IPython 7.31.1 -- An enhanced Interactive Python. Type '?' for help.

In [1]: from employee import Employee,SalariedEmployee,HourlyEmployee

In [2]: e = Employee('John','Deer',12345678)
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
<ipython-input-2-ce012b69e51e> in <module>
----> 1 e = Employee('John','Deer',12345678)

TypeError: Can't instantiate abstract class Employee with abstract method earnings

In [3]: se = SalariedEmployee('John','Deer',12345678,1000)

In [4]: he = HourlyEmployee('Jane','Doe',87654321,60,20)

In [5]: repr(he)
Out[5]: 'Hourly Employee:\nJane Doe 87654321\nWages: 20\nHours: 60\nEarnings: 1400.0'

In [6]: repr(se)
Out[6]: 'Salaried Employee:\nJohn Deer 12345678\nWeekly Salary: 1000\nEarnings: 1000'

In [7]: se.earnings()
Out[7]: 1000

In [8]: he.earnings()
Out[8]: 1400.0

In [9]: employess = [he,se]
```

```
In [13]: employees = employess
```

```
In [15]: for employee in employees:
    ...:     print(repr(employee))
    ...:     print(employee.earnings())
    ...:
Hourly Employee:
Jane Doe 87654321
Wages: 20
Hours: 60
Earnings: 1400.0
1400.0
Salaried Employee:
John Deer 12345678
Weekly Salary: 1000
Earnings: 1000
1000
```