

Aim:

To print a python program to calculate the compound interest.

Algorithm:

```
p = float(input("Enter the principle amount : "))
r = float(input("Enter the rate of interest : "))
t = float(input("Enter the time in the years: "))
```

```
ci = p * (pow((1 + r / 100), t))
```

```
print("Principle amount : ", p)
print("Interest rate : ", r)
print("Time in years : ", t)
print("compound Interest : ", ci)
```

Output:

```
C:\Users\user\Documents\pythonProject\venv\scripts\python.exe E:/Users/user/PythonsProjects/pythonProject/CI.py
Enter the principle amount : 1000
Enter the rate of interest : 4
Enter the time in the years: 3
Principle amount : 1000.0
Interest rate : 4.0
Time in years : 3.0
compound Interest : 1081.6000000000001
Process finished with exit code 0
```