In [1]:
```python
#task3 simpleinterest,compoundinterest in simple way
p=5000
t=3
r=2
simpleinterest=((p*t*r)/100)
compoundinterest=p*pow((1+r/100),t)
print(simpleinterest)
print(compoundinterest)
```

300.0
5306.040000000001

In [2]:
```python
#task3 simple,compound interest
p=int(input("Enter principal amount:" ))
t=float(input("Enter the time period:"))
r=float(input("Enter the rate of interest:"))
si=((p*t*r)/100)
ci=p*(pow((1+r/100),t))
print("simple interest is",si)
print("compound interest is",ci)
```

Enter principal amount:4500
Enter the time period:8
Enter the rate of interest:5
simple interest is 1800.0
compound interest is 6648.549497050783

In [ ]: