

start the function:
compound_interest

```
graph TD; A([start the function:  
compound_interest]) --> B[calculate using  
formula:  
(P*((1+(r/n)**(n*t))))]; B --> C([Return the rounded  
result]);
```

calculate using
formula:
 $(P * ((1 + (r/n))^{(n*t)}))$

Return the rounded
result