

**COMPOUNDINTEREST(principle_amount, annual_interest_rate,
number_per_year_compound, years_in_account)**

```
graph TD; A[COMPOUNDINTEREST(principle_amount, annual_interest_rate, number_per_year_compound, years_in_account)] --> B[Create a variable called total_money that converts the input arguments of principle_amount, annual_interest_rate, number_per_year_compound, years_in_account into one value. Which is the projected amount of money they will have in their bank account according to their given arguments. total_money = principle_amount * (1 + annual_interest_rate / number_per_year_compound) ** (number_per_year_compound * years_in_account)]; B --> C[RETURN total_money]
```

Create a variable called `total_money` that converts the input arguments of `principle_amount`, `annual_interest_rate`, `number_per_year_compound`, `years_in_account` into one value. Which is the projected amount of money they will have in their bank account according to their given arguments.

```
total_money = principle_amount * (1 + annual_interest_rate / number_per_year_compound) ** (  
    number_per_year_compound * years_in_account)
```

RETURN `total_money`