

### **P8. Golden Pig Bank**

Golden Pig Bank has a new financial product to attract more saving accounts. That product offers a small saving interest of 5% higher than a bond rate for any new account with balance not over 1,000,000 baht and a big saving interest, which is 10% higher than a small saving interest.

Write a program to take a customer's balance and a bond rate and report the corresponding saving interest rate and compute an estimated balance at the end of year.

Use the P8 template (P8\_Template.py; note: template is to ensure the exact display format and allows smooth auto-grading)

Example 1:

```
=====
Balance: 500000
Bond rate (%):2.7
Interest rate (%): 2.84
Estimated year-end balance: 514,175.00
=====
```

Example 2:

```
=====
Balance: 1200000
Bond rate (%):2.7
Interest rate (%): 3.12
Estimated year-end balance: 1,237,422.00
=====
```

## Here is P8\_template.py

```
"""
Golden Pig Bank has a new financial product to attract more saving accounts.
That product offers a small saving interest of 5% higher than government bond
for any new account with balance not over 1,000,000 baht and
a big saving interest, which is 10% higher than a small saving interest.
Write a program to take a customer's balance and
government bond rate and report the corresponding saving interest rate
and compute an estimated balance at the end of year.
"""

# Write your code here

int_rate = 0 # Dummy answer
year_end = 0 # Dummy answer

# Do not edit anything below this line.

#####

print('Interest rate (%): {:.2f}'.format(int_rate))
print('Estimated year-end balance: {:.2f}'.format(year_end))
```