Slow π approximation — X27663_en

Write a function *slow_pi_approx*(*n*) that given a non negative integer n computes $4 \sum_{k=0}^{n} \frac{(-1)^k}{2k+1}$
The returned value has to be rounded to the ten thousandth by using the python function `round(_,4)`.

Sample session

```
>>> slow_pi_approx(10)
3.2323
>>> slow_pi_approx(100)
3.1515
>>> slow_pi_approx(1000)
3.1426
```

Problem information

Author : ProAl
Generation : 2017-10-10 12:42:26