

GENERATORS HOMEWORK

By Jose Portilla @ Udemy's Complete Python 3 Bootcamp

PROBLEM 1:

Create a generator that generates the squares up to some number N.

PROBLEM 2:

Create a generator that yields "n" random numbers between a low and a high number (that are the inputs).

Note: Use the random library.

PROBLEM 3:

Use the iter() function to convert the string s = 'hello' into an iterator.

PROBLEM 4:

Explain a use case generator using a yield statement where you would not want to use a normal function with a return statement.

PROBLEM 5:

Explain the use of *gencomp* in the code below.

```
my_list = [1, 2, 3, 4, 5]

gencomp = (item for item in my_list if item > 3)

for item in gencomp:
    print(item)
```