Programming Assignment-3: Functions

Given an integer number \( n \), define a function named \( \text{printDict()} \) which can print a dictionary where the keys are numbers between 1 and \( n \) (both included) and the values are square of keys. The function \( \text{printDict()} \) doesn't take any argument.

Input Format:
The first line contains the number \( n \).

Output Format:
Print the dictionary in one line.

Example:

Input:
5

Output:
{1: 1, 2: 4, 3: 9, 4: 16, 5: 25}

NOTE: You are supposed to write the code for the function \( \text{printDict()} \) only. The function has already been called in the main part of the code.

Sample Test Cases

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
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Test Case 2
6 {1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36}

Test Case 3
1 {1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64, 9: 81, 10: 100, 11: 121, 12: 144, 13: 169}

Test Case 4
4 {1: 1, 2: 4, 3: 9, 4: 16}

Test Case 5
0 {1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64, 9: 81, 10: 100}

Test Case 6
1 {1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64, 9: 81, 10: 100, 11: 121, 12: 144, 13: 169, 14: 196}

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```python
def printDict():
    n = int(input())
    d = dict()
    for i in range(1, n+1):
        d[i] = i ** 2
    print(d)

printDict()
```