

Date - 26-09-2022

## **Program 06**

**Environment** - Microsoft window 10

**Tools** – PyScripter

**Objective** - Python Program to Generate a Dictionary that Contains Numbers (between 1 and n) in the Form (x,x\*x)

**Procedure** –

**INPUT: -**

```
a=int(input("Enter a limit: "))  
d={int(x):x*x for x in range(1,a+1)}
```

```
#d={ }  
#for i in range(1,a+1):  
#   values=i*i  
#   d[i]=values  
print(d)
```

**OUTPUT: -**

```
Enter a limit: 5  
{1: 1, 2: 4, 3: 9, 4: 16, 5: 25}  
>>>
```

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