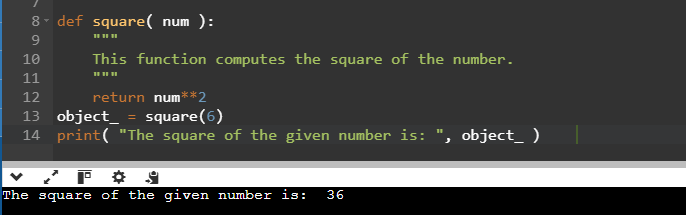
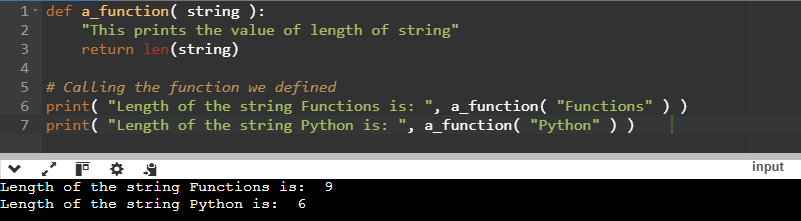
**Python Functions**

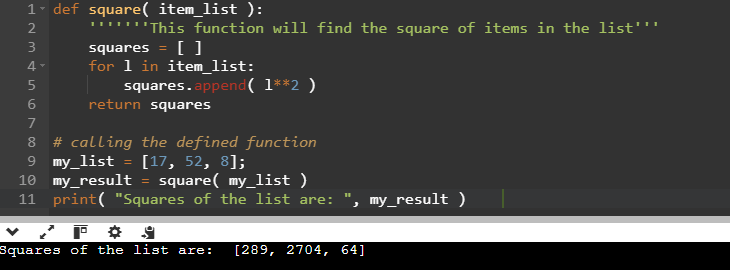
**Illustration of a User-Defined Function**

****

**Calling a Function**

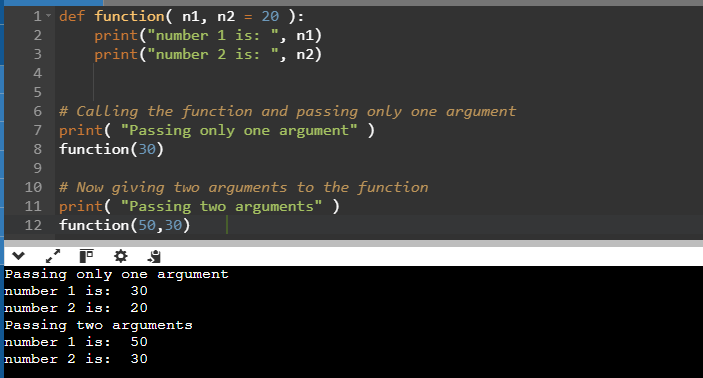
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**Pass by Reference vs. Pass by Value**

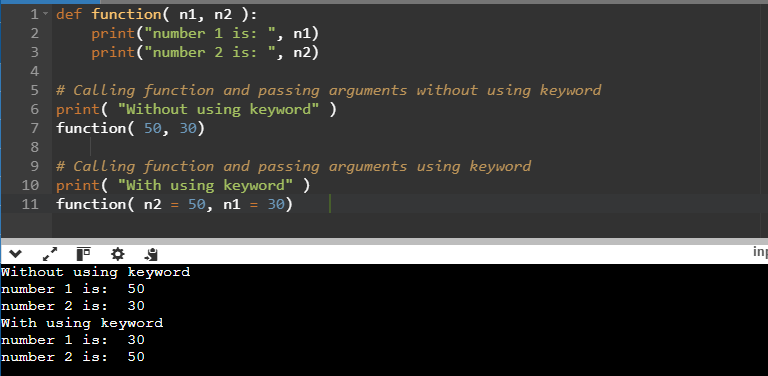
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**Function Arguments**

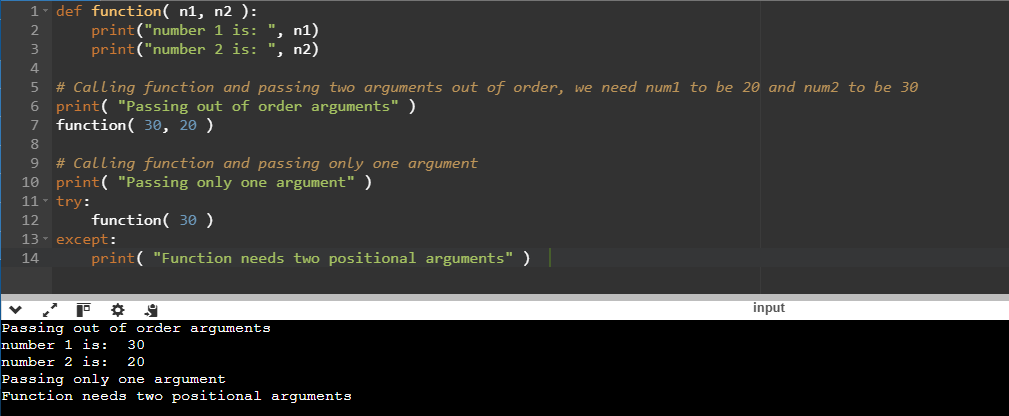
**1) Default Arguments**

****

**2) Keyword Arguments**

****

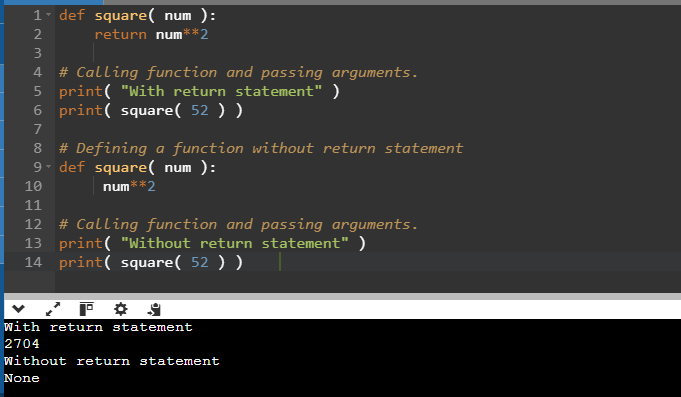
**3) Required Arguments**

****

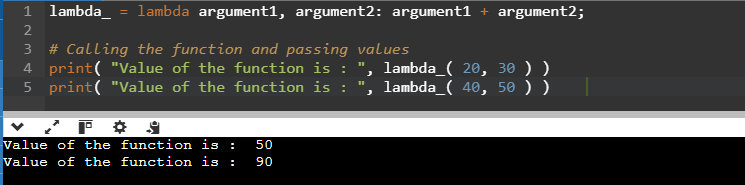
**4) Variable-Length Arguments**

****

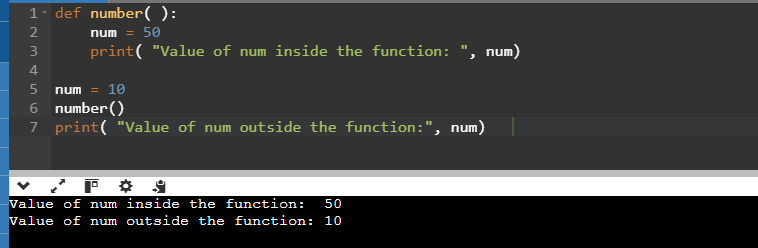
**return Statement**

****

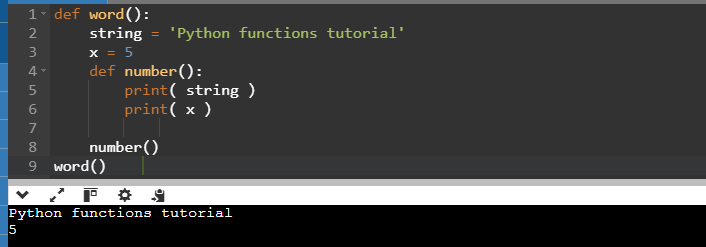
**The Anonymous Functions**

****

**Scope and Lifetime of Variables**

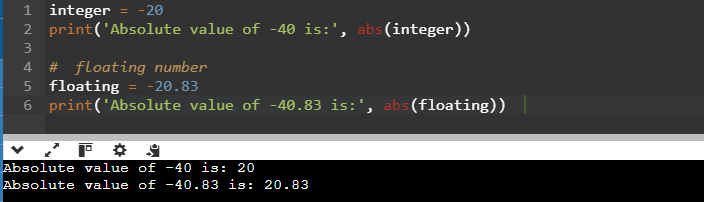
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**Python Capability inside Another Capability**

****

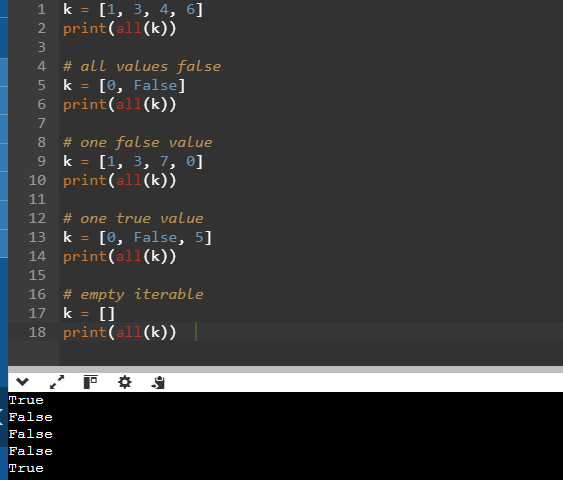
**Python Built-in Functions**

**Python abs() Function**

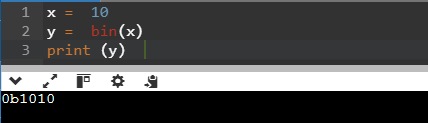
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**Python all() Function**

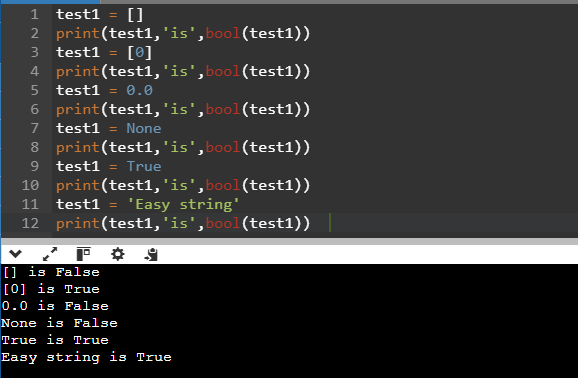
**Python all() Function Example**

****

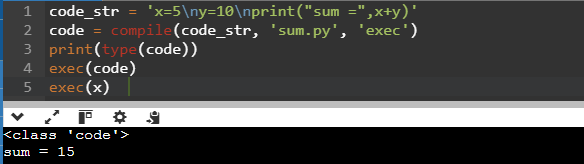
**Python bin() Function**

****

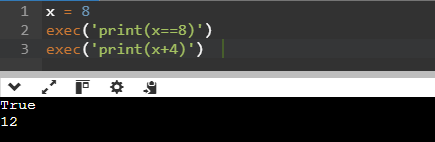
**Python bool()**

****

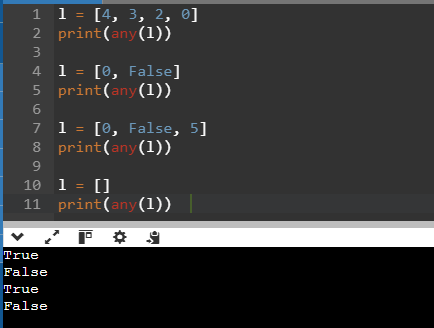
**Python compile() Function**

****

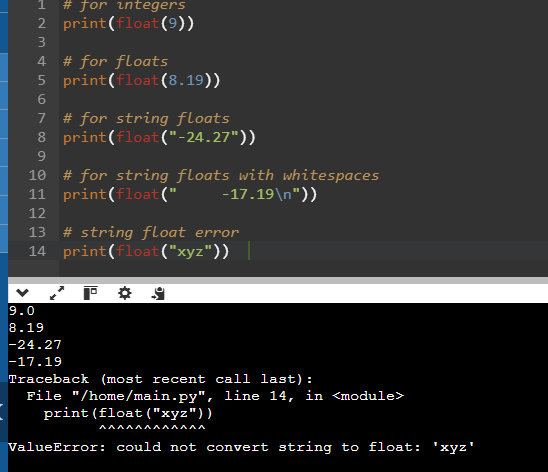
**Python exec() Function**

****

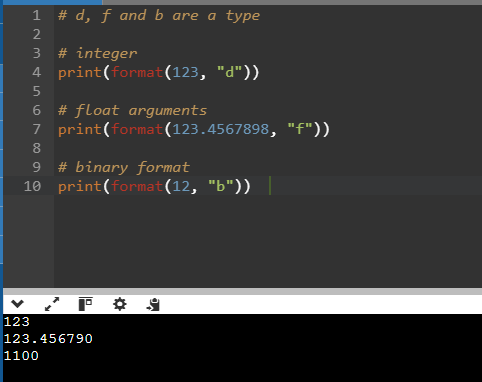
**Python any() Function**

****

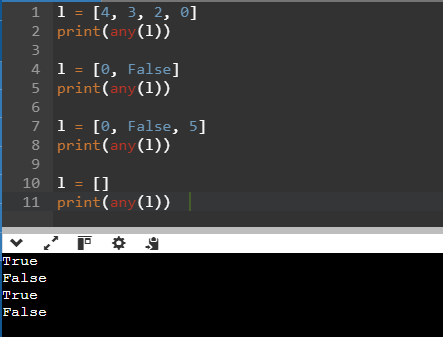
**Python float()**

****

**Python format() Function**

****

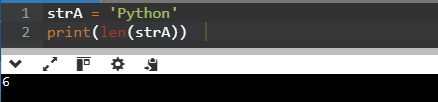
**Python hasattr() Function**

****

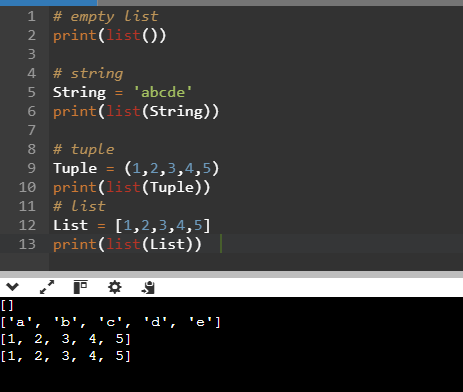
**Python iter() Function Example**

****

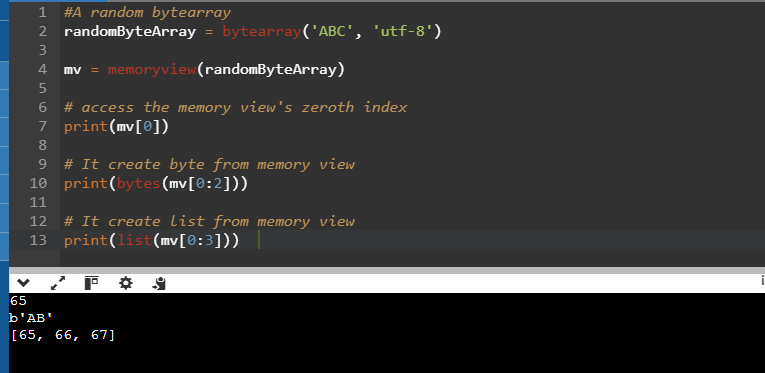
**Python len() Function**

****

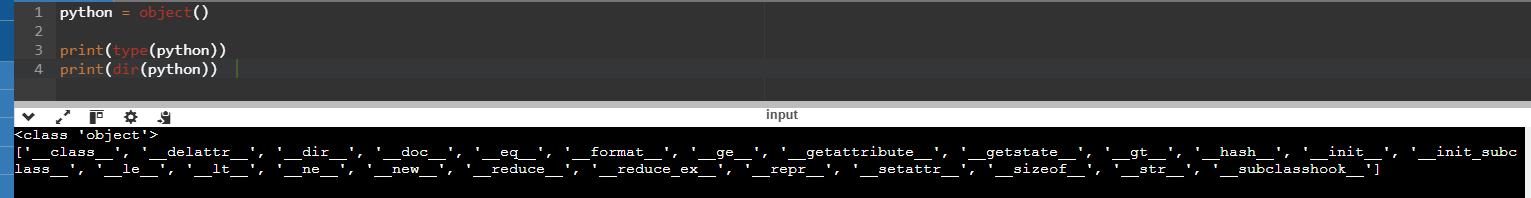
**Python list()**

****

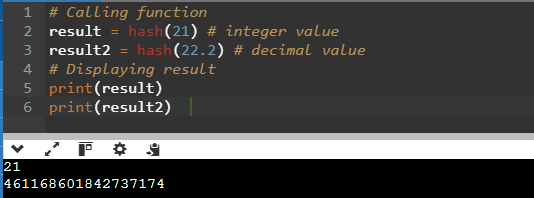
**Python memoryview() Function**

****

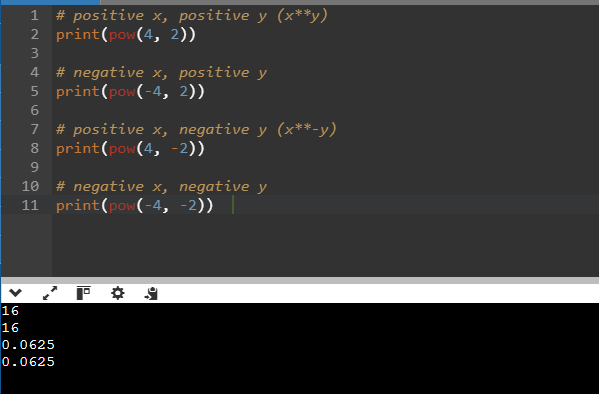
**Python object()**

****

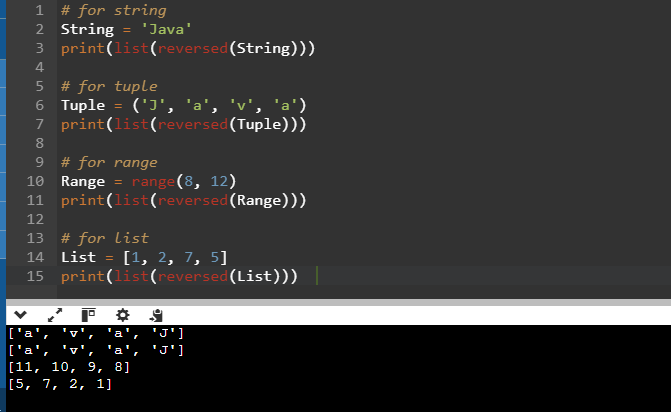
**Python hash() Function**

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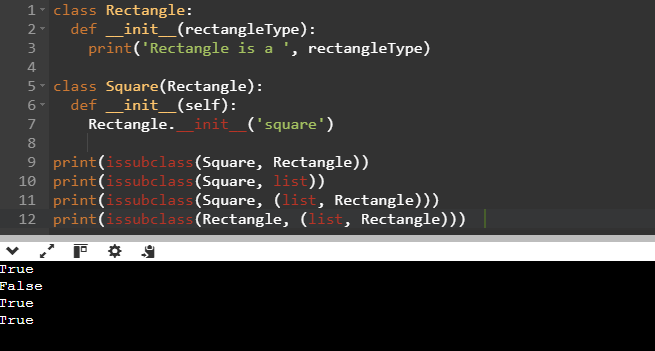
**Python pow() Function**

****

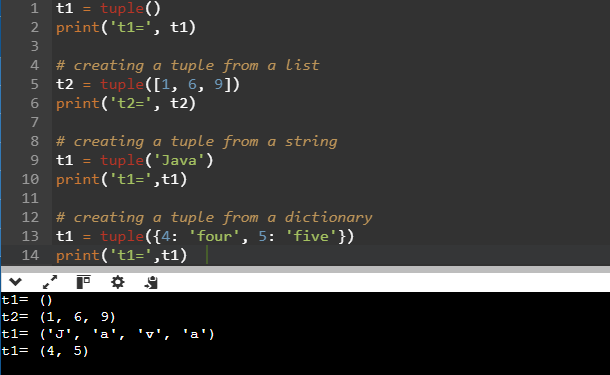
**Python reversed() Function**

****

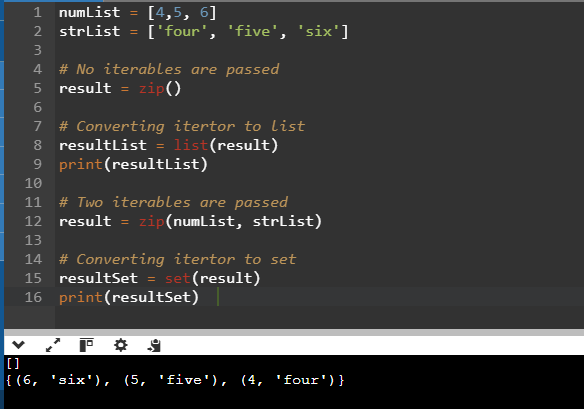
**Python issubclass() Function**

****

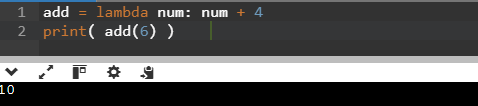
**Python tuple() Function**

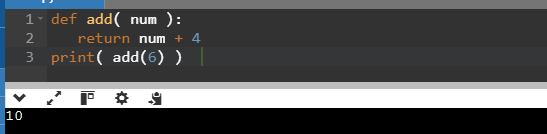
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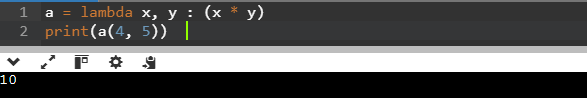
**Python zip() Function**

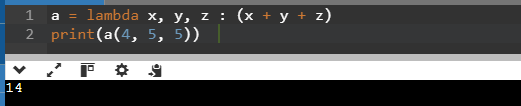
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**Python Lambda Functions**

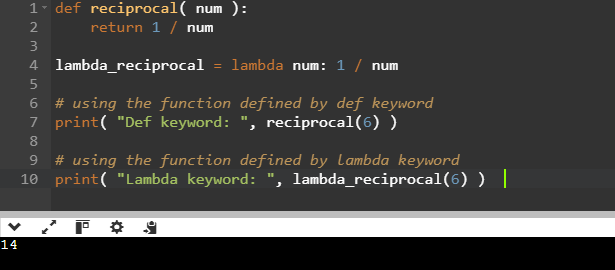
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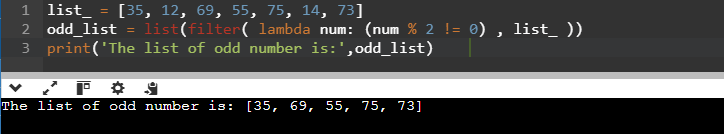
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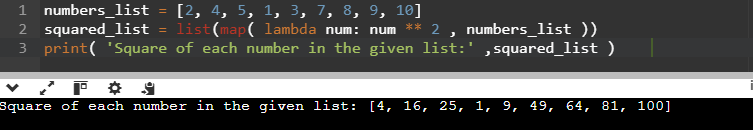
**What's the Distinction Between Lambda and Def Functions?**

****

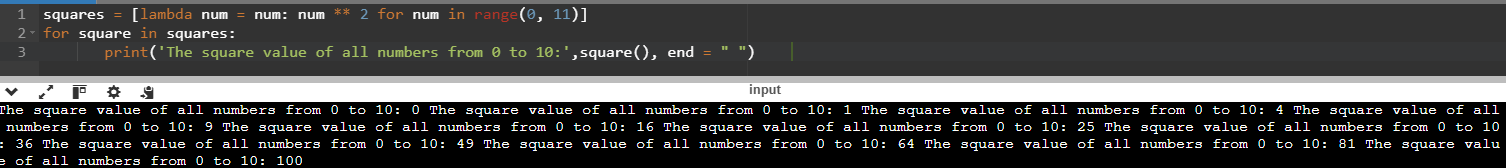
**Using Lambda Function with filter()**

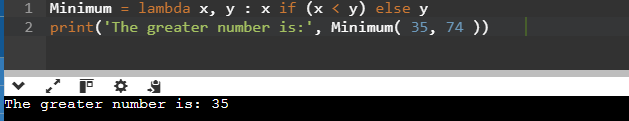
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**Using Lambda Function with map()**

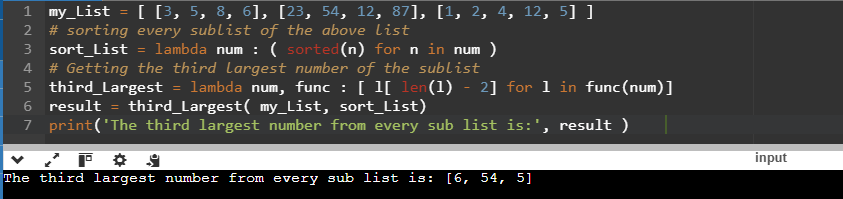
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**Using Lambda Function with List Comprehension**

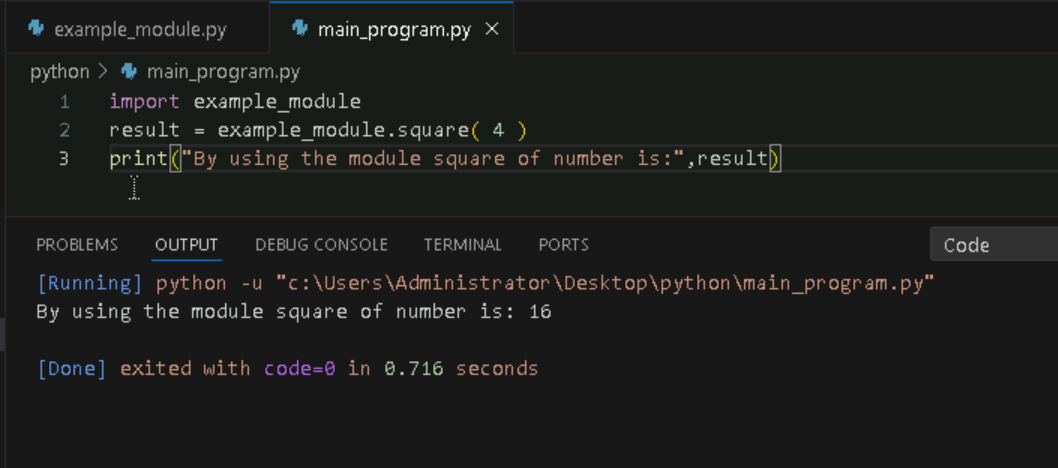
**Using Lambda Function with if-else**

****

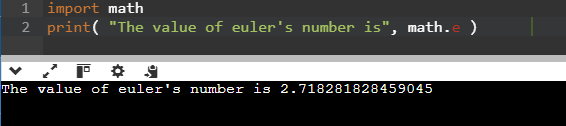
**Using Lambda with Multiple Statements**

****

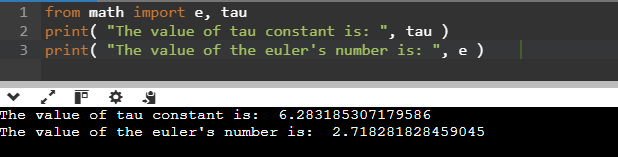
**Python Modules**

****

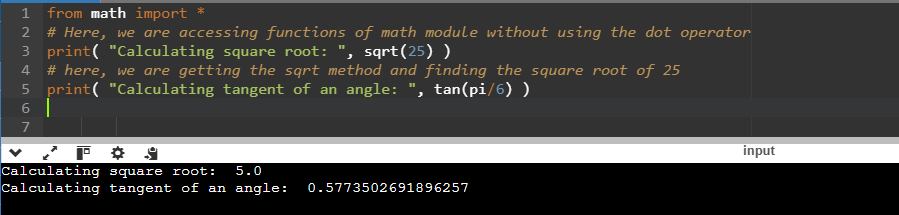
**Importing and also Renaming**

****

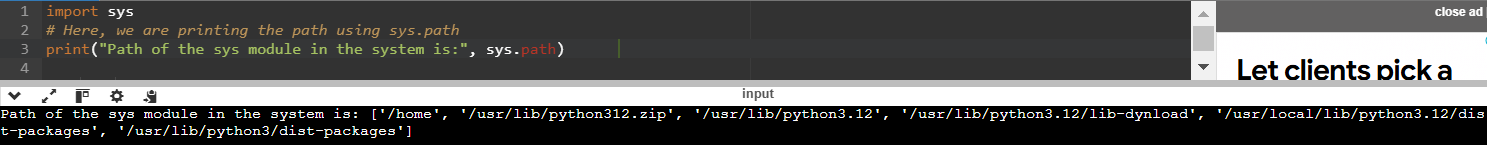
**Python from...import Statement**

****

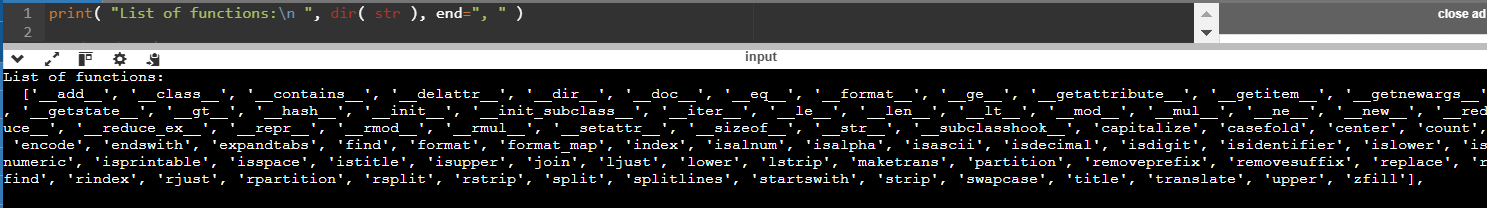
**Import all Names - From import \* Statement**

****

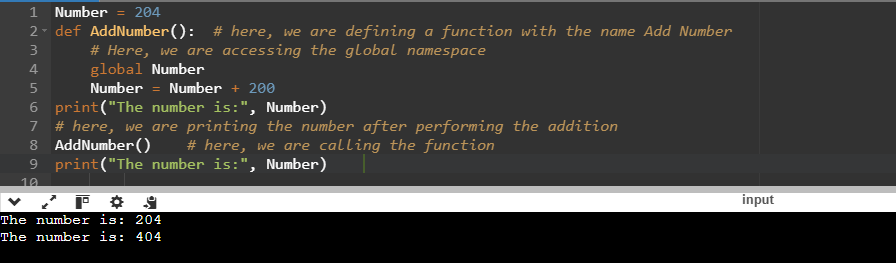
**Locating Path of Modules**

****

**The dir() Built-in Function**

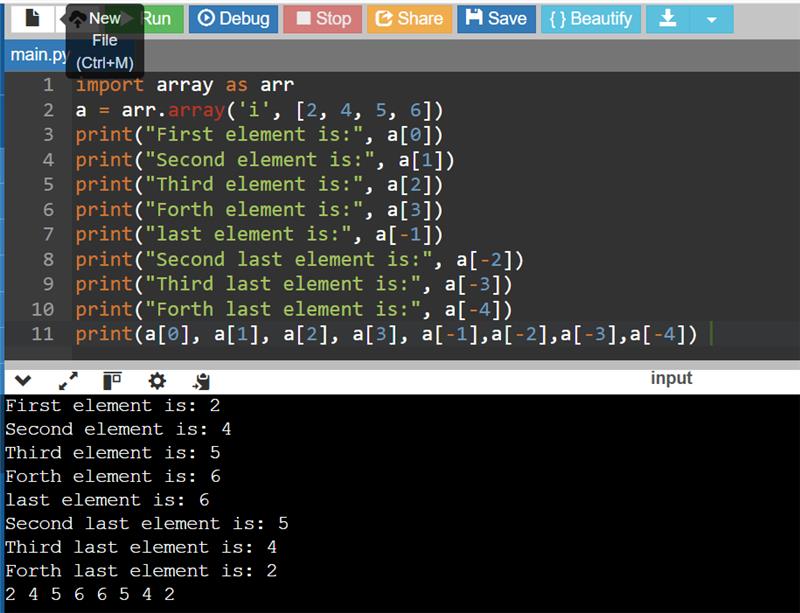
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**Namespaces and Scoping**

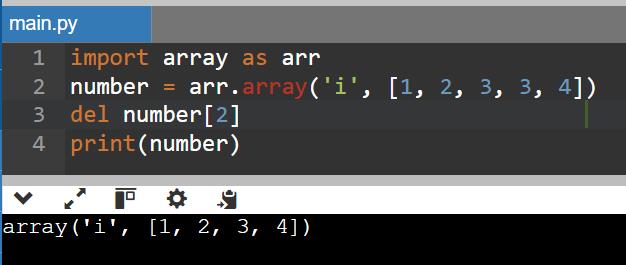
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**PYTHON ARRAYS**

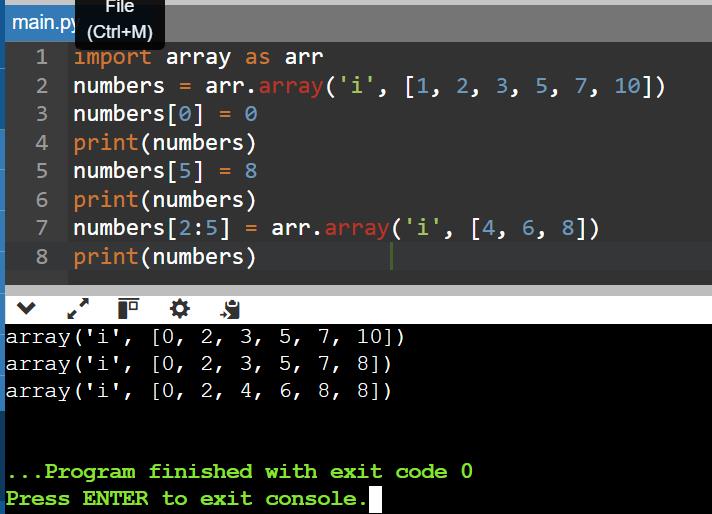
1. **Accessing array elements**

****

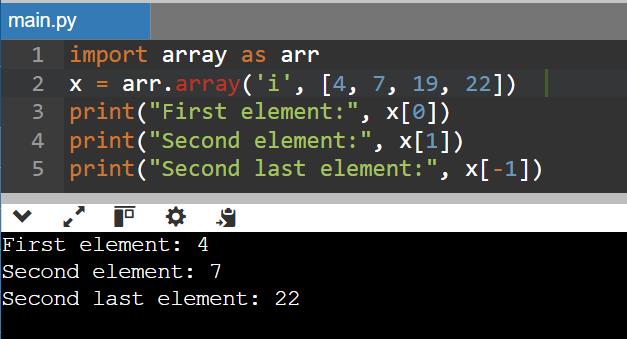
1. **Deleting the elements from Array**

****

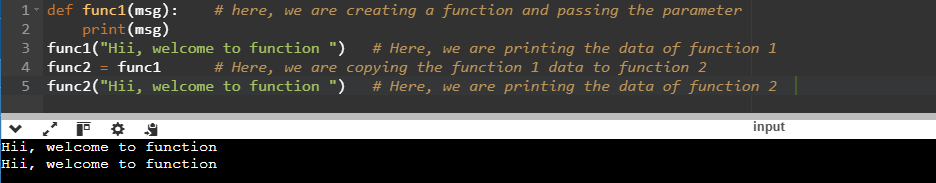
1. **Adding or changing the elements in Array**

****

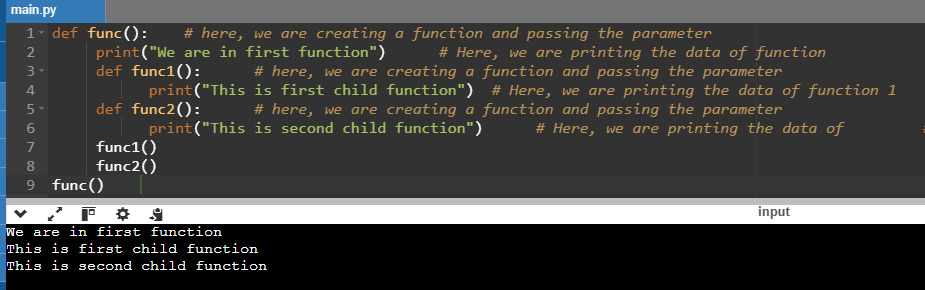
1. **To find the length of array**

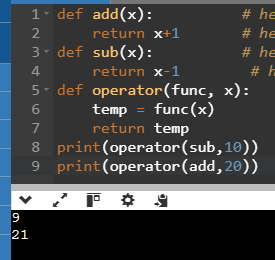
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**Python Decorator**

****

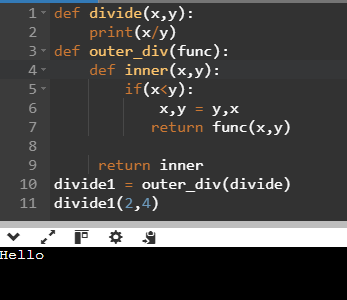
**Inner Function**

****

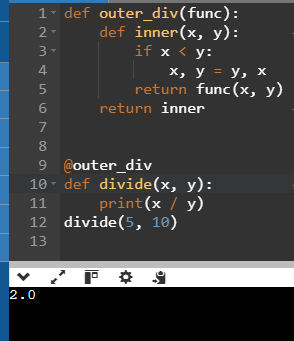
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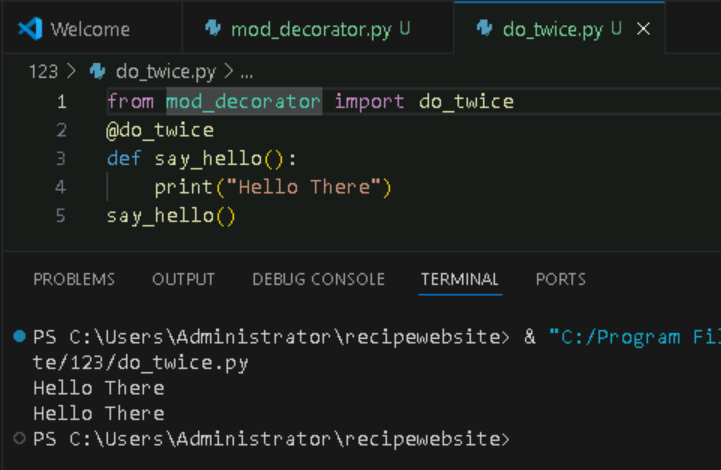
**Decorating functions with parameters**

****

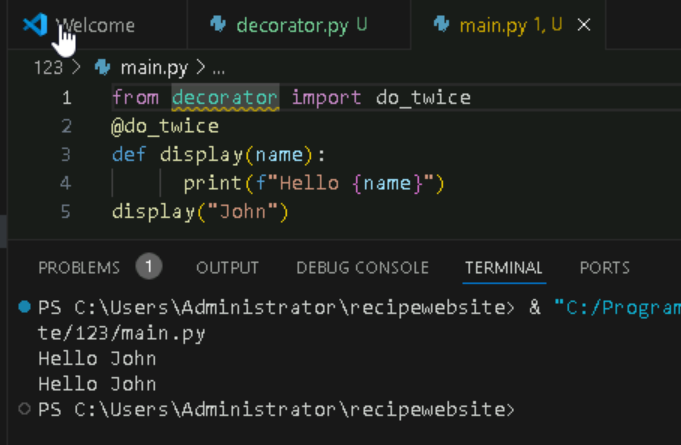
**Syntactic Decorator**

****

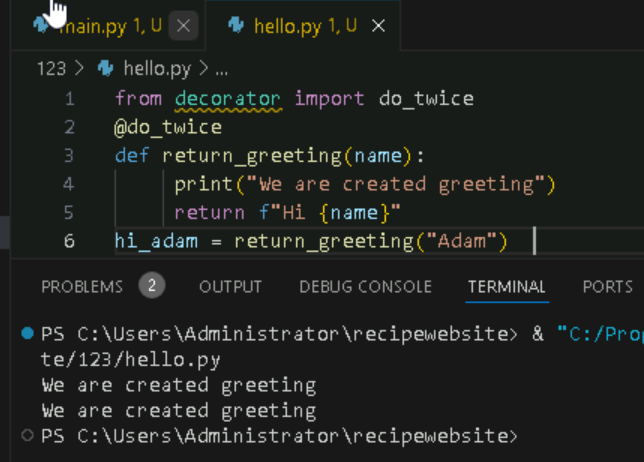
**Reusing Decorator**

****

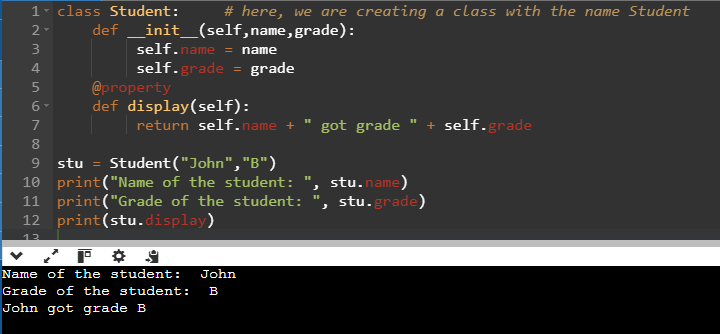
**Python Decorator with Argument**

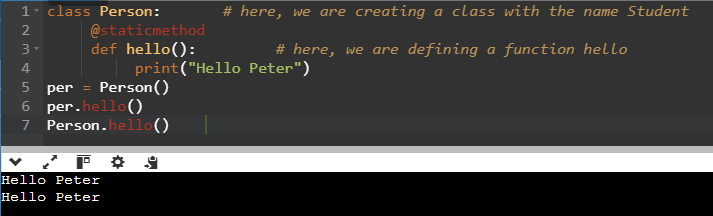
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**Returning Values from Decorated Functions**

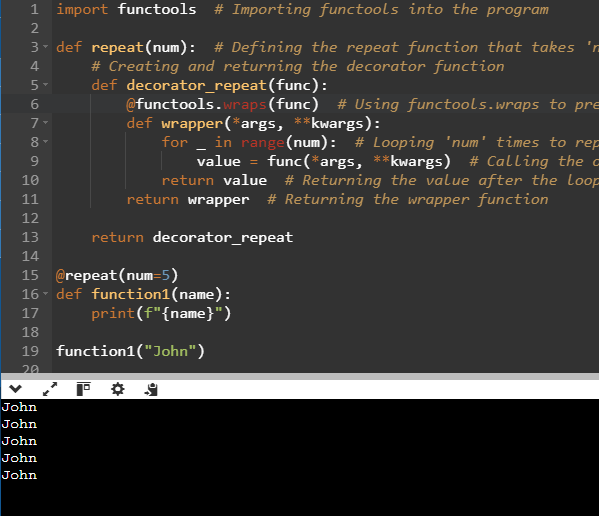
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**Fancy Decorators**

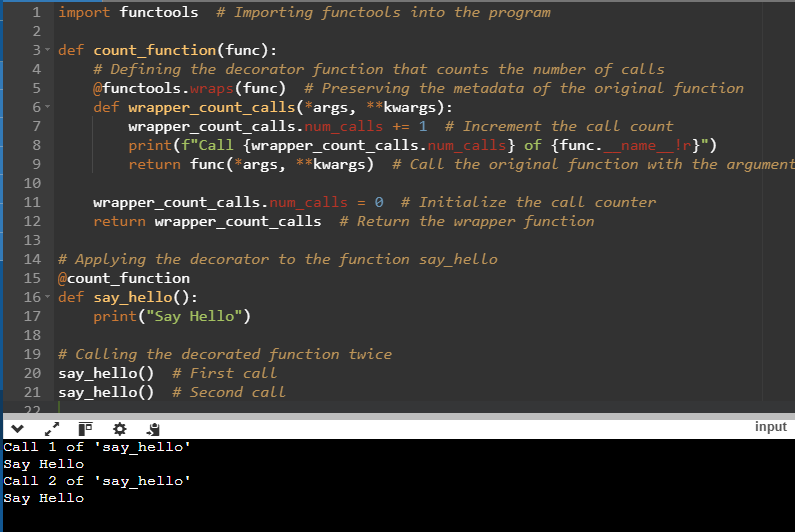
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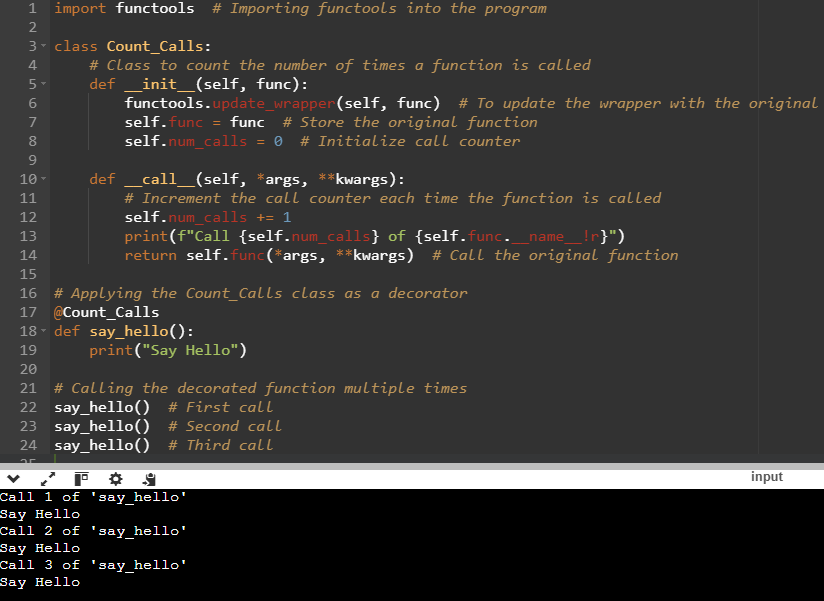
**Decorator with Arguments**

****

**Stateful Decorators**

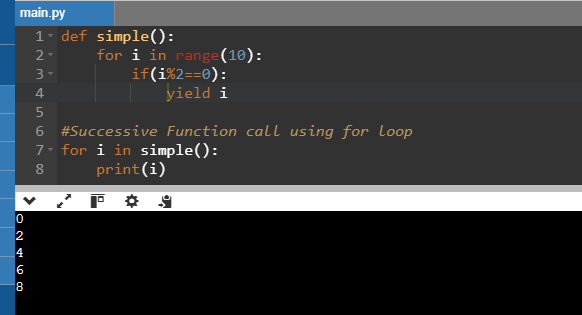
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**Classes as Decorators**

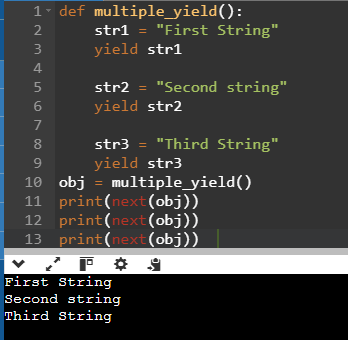
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**Python Generators**

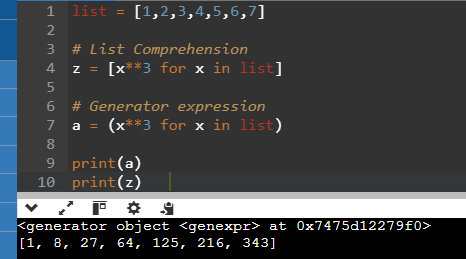
**How to Create Generator function in Python?**

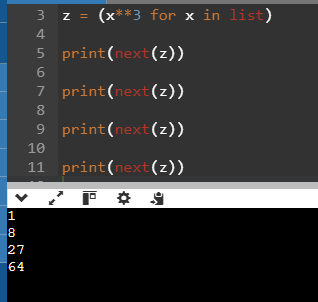


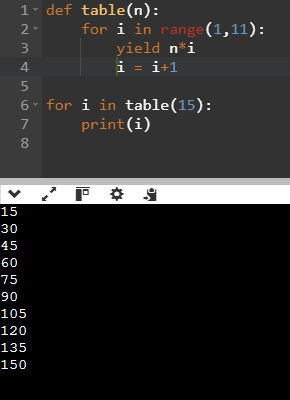
**yield vs. return**

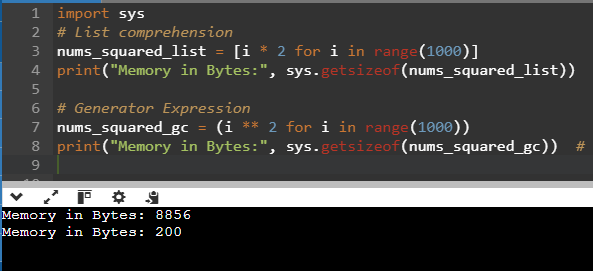


**Generator Expression**

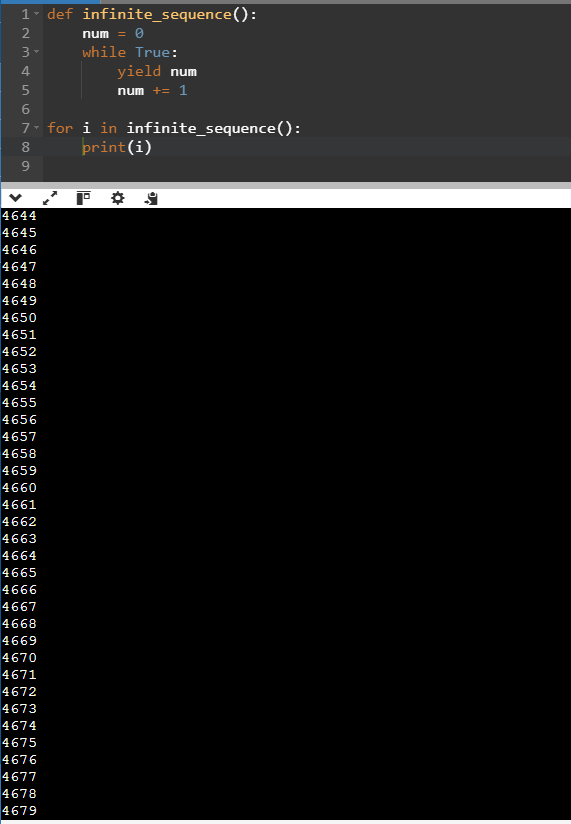
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**Generate Infinite Sequence**

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