**PT3: PYTHON PROGRAMMING WORKSHOP**

**THEORETICAL QUESTIONS:**

1. **What is the syntax to call a constructor of a base class from child class**

**Solution: using super() function method.**

**Ex:** **class Mammal(object):**

**def \_\_init\_\_(self, mammalName):**

**print(mammalName, 'is a warm-blooded animal.')**

**class Dog(Mammal):**

**def \_\_init\_\_(self):**

**print('Dog has four legs.')**

**super().\_\_init\_\_('Dog')**

**d1 = Dog()**

**Here the class child inherits the class parent**

1. **How is a class made as inherited class (syntax of child class)**

**Solution:**

**class Base:**

**success**

**class child(Base):**

**success**

1. **Print an element of a nested dictionary**

**Solution:**

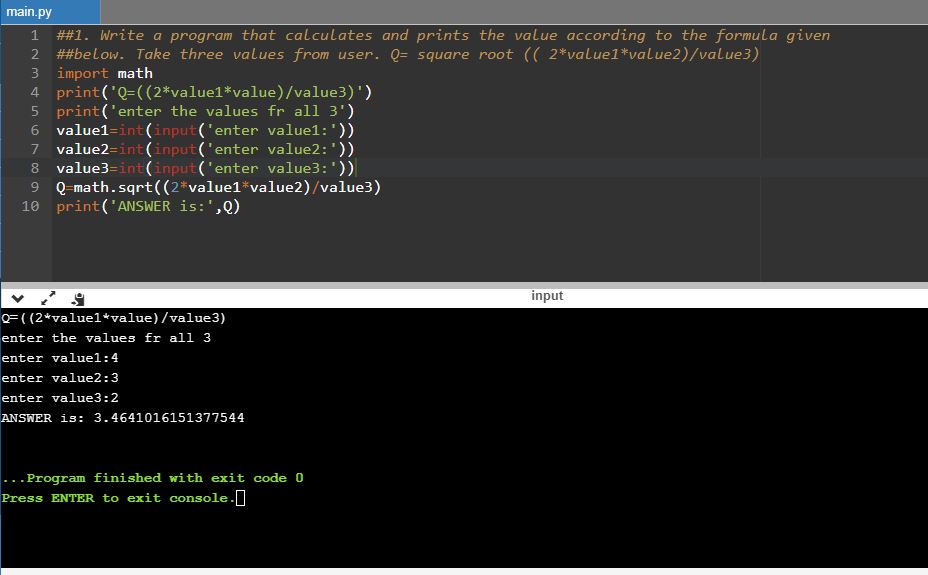
**About\_me = {1: {'name': 'NIKHIL', 'age': '20', 'sex': 'Male'},**

**2: {'work': 'student', 'class': '4A', 'course': 'B.tech'}}**

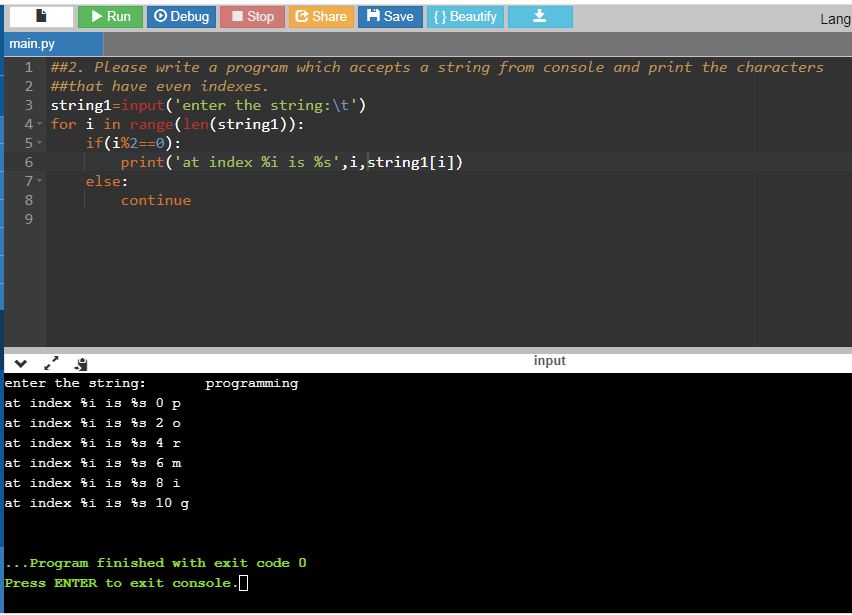
**print(about\_me[1][‘name’])**

**PROGRAMMING QUESTIONS**

**Question1**

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**Question 2:**

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