1. ****Python Program to Create a Linked List & Display the Elements in the Lists.****

**class Node:**

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

**self.data = data**

**self.next = None**

**class LinkedList:**

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

**self.head = None**

**self.last\_node = None**

**def append(self, data):**

**if self.last\_node is None:**

**self.head = Node(data)**

**self.last\_node = self.head**

**else:**

**self.last\_node.next = Node(data)**

**self.last\_node = self.last\_node.next**

**def display(self):**

**current = self.head**

**while current is not None:**

**print(current.data, end = ' ')**

**current = current.next**

**a\_llist = LinkedList()**

**n = int(input('How many elements would you like to add? '))**

**for i in range(n):**

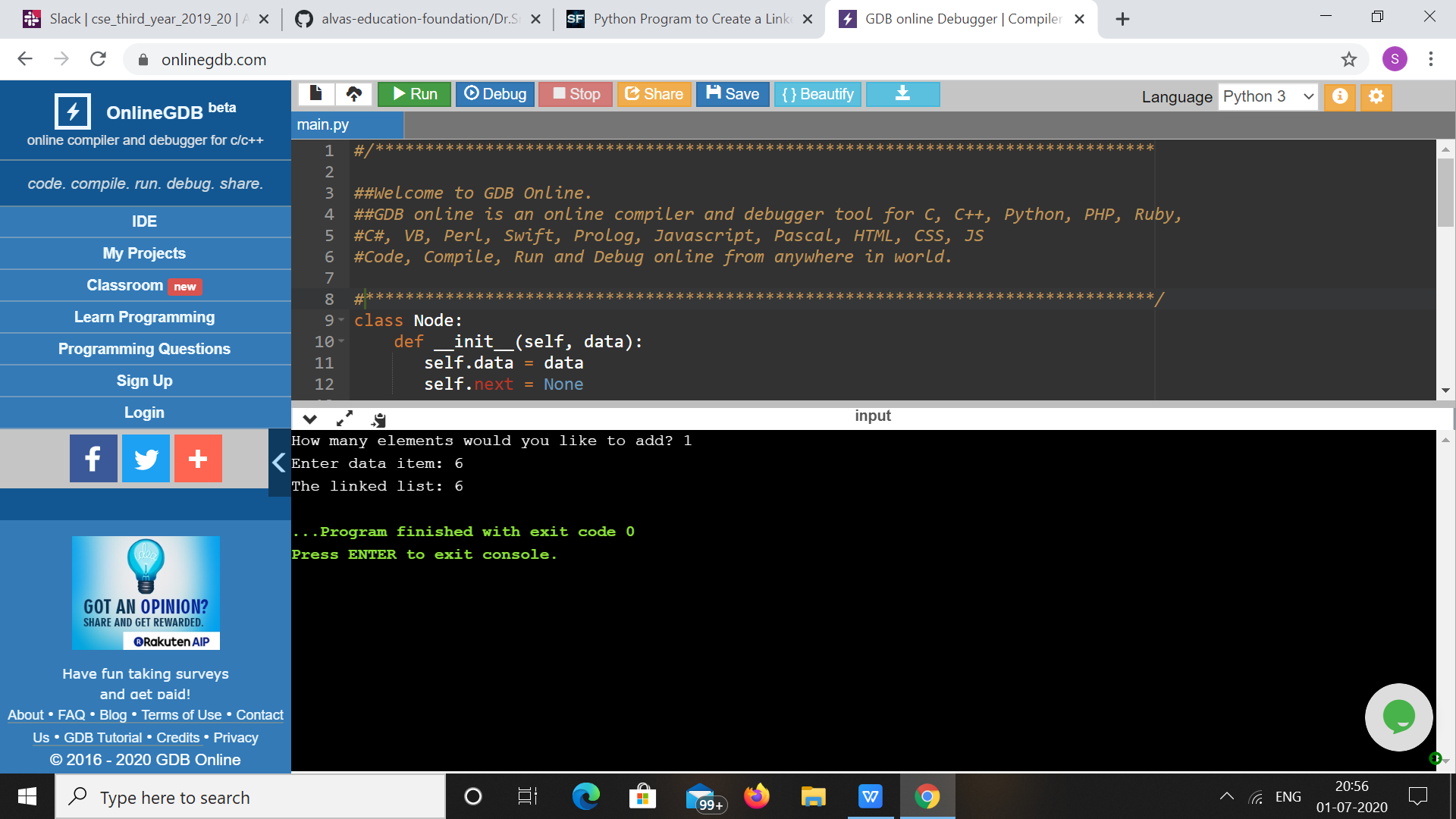
**data = int(input('Enter data item: '))**

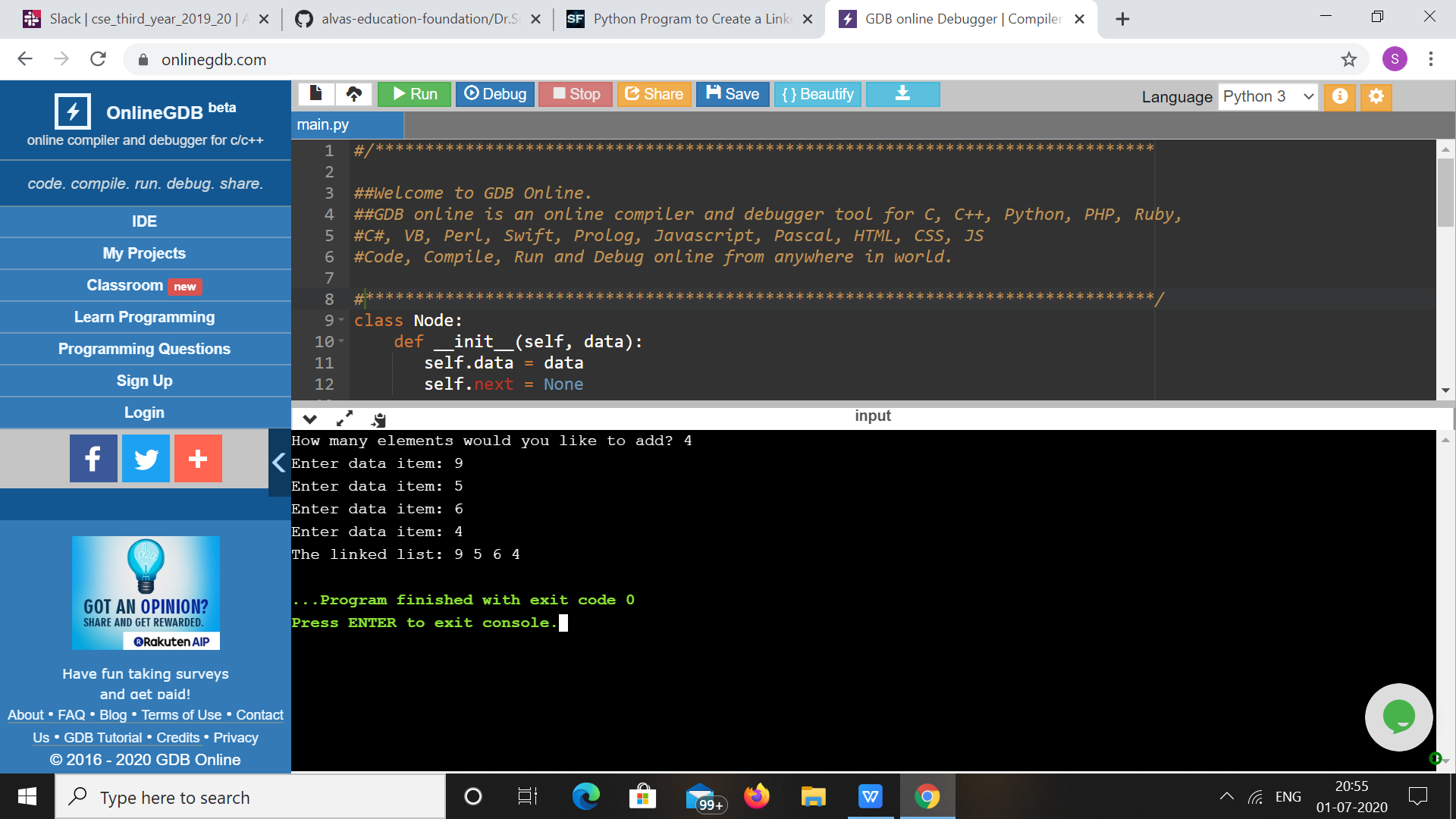
**a\_llist.append(data)**

**print('The linked list: ', end = '')**

**a\_llist.display()**

****OUTPUT****

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