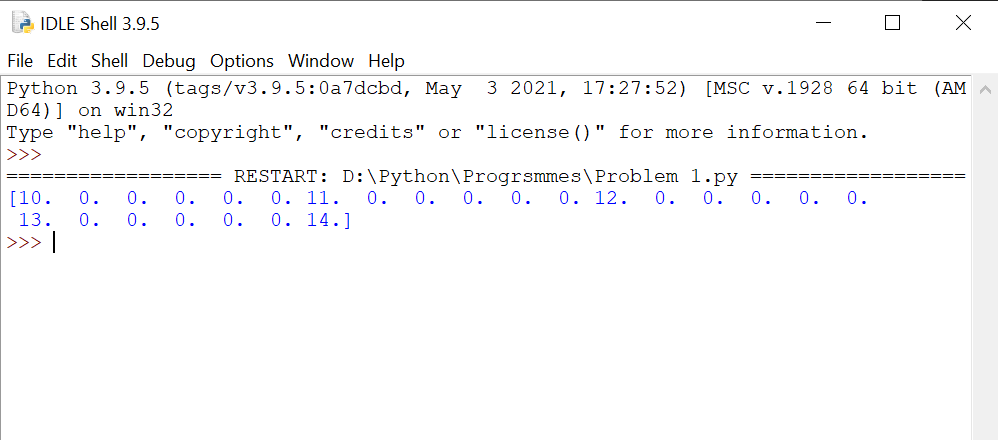
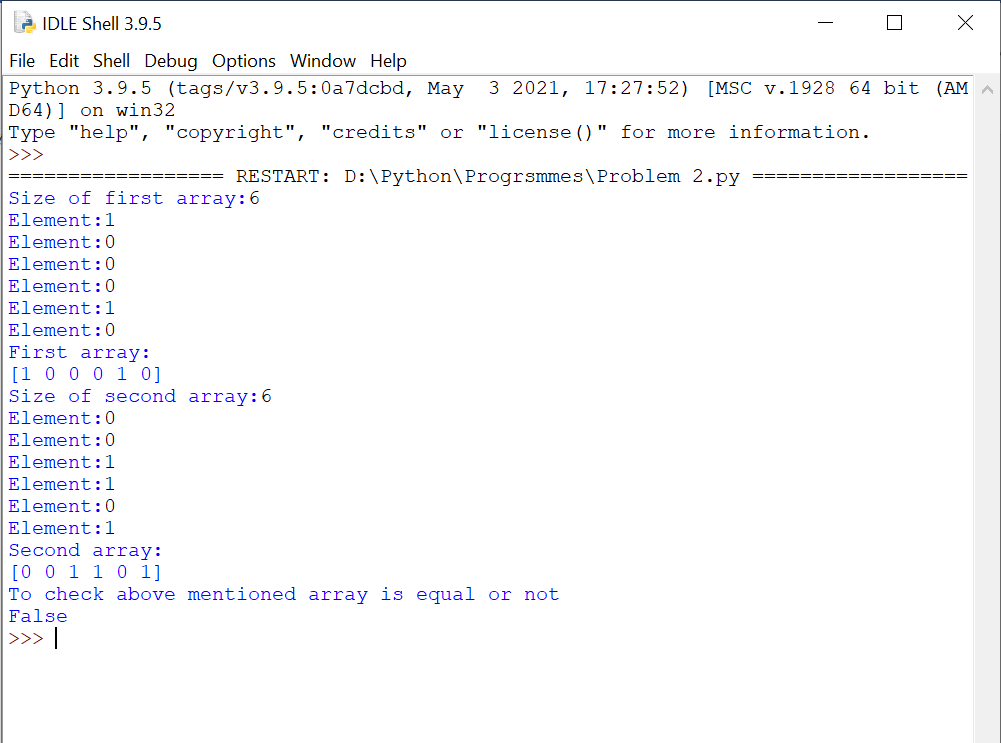
**OUTPUTS**

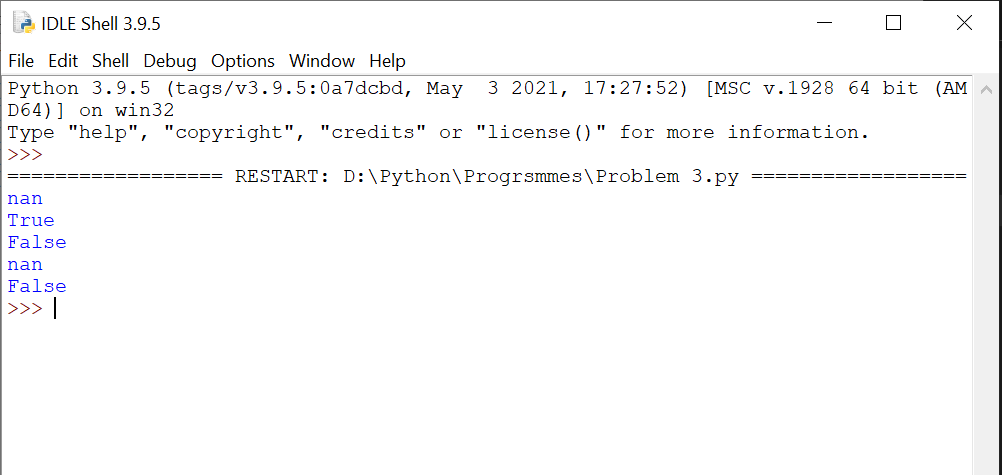
**PROBLEM 1**



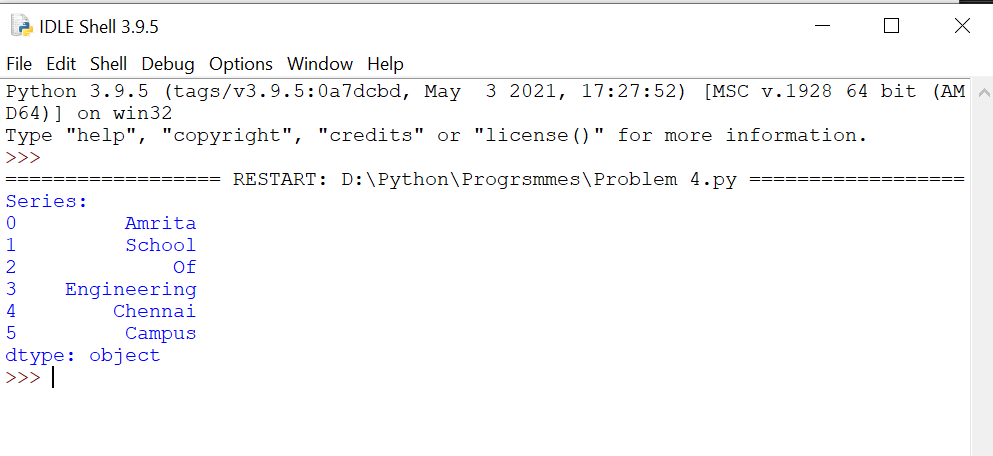
**PROBLEM 2**



**PROBLEM 3**



**PROBLEM 4**



**PROBLEM 5**

