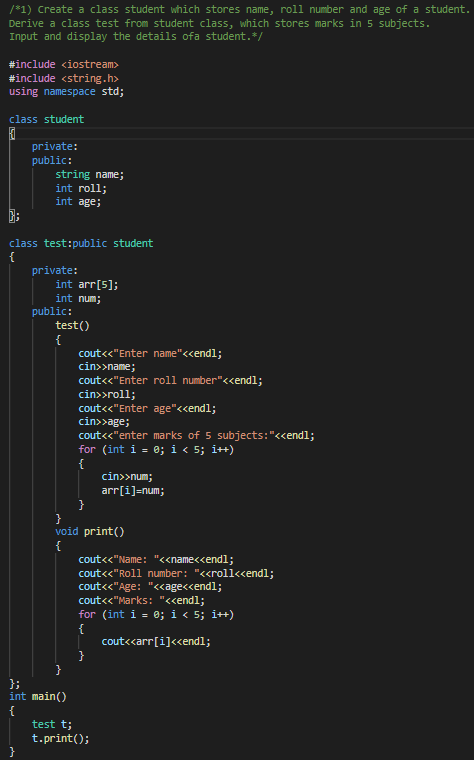
**Agnim Gupta**

**2028083**

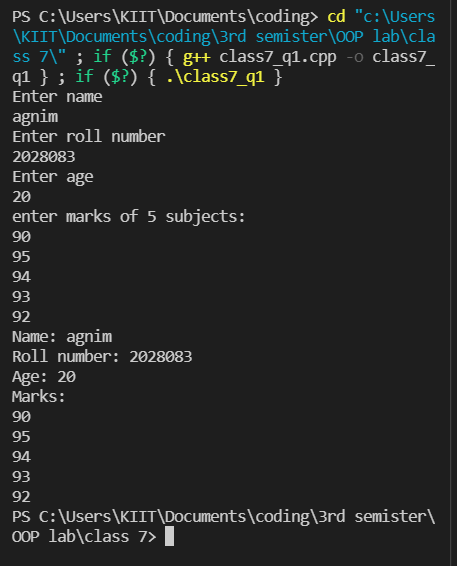
**A23**

**CSSE**

**Question 1**

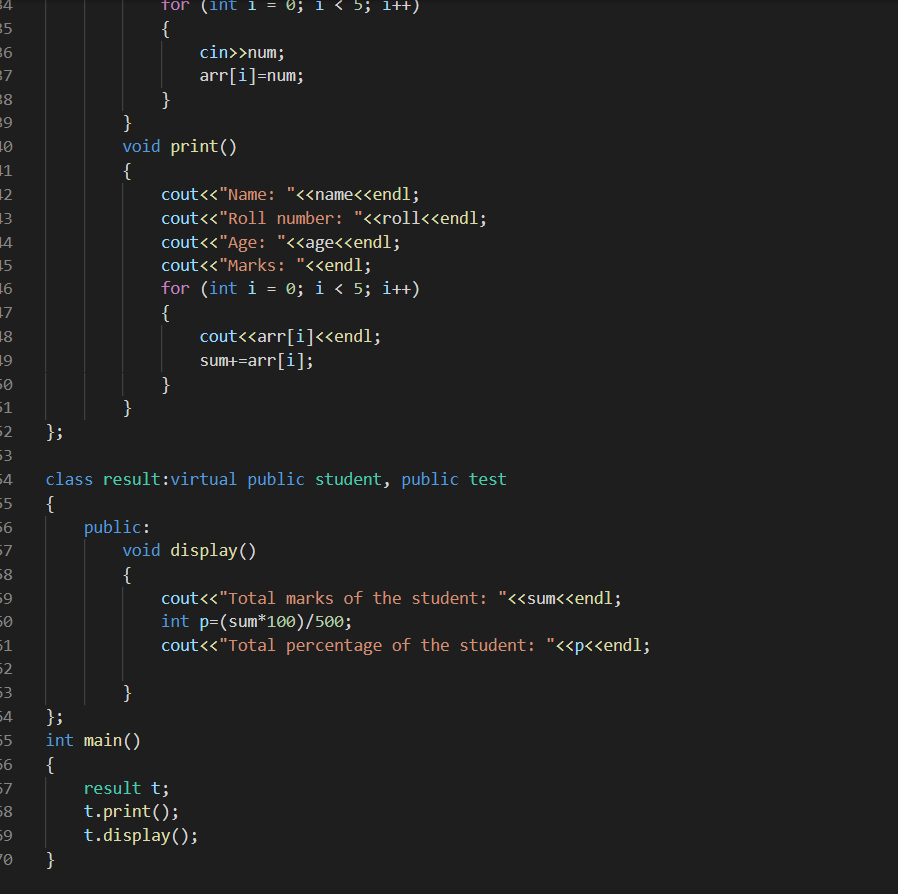


**Output**

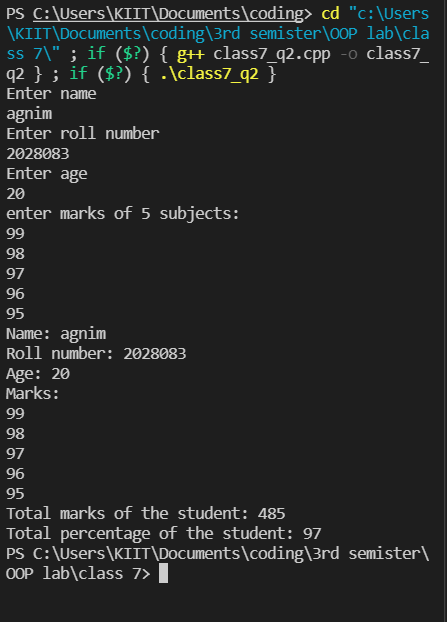


**Question 2**



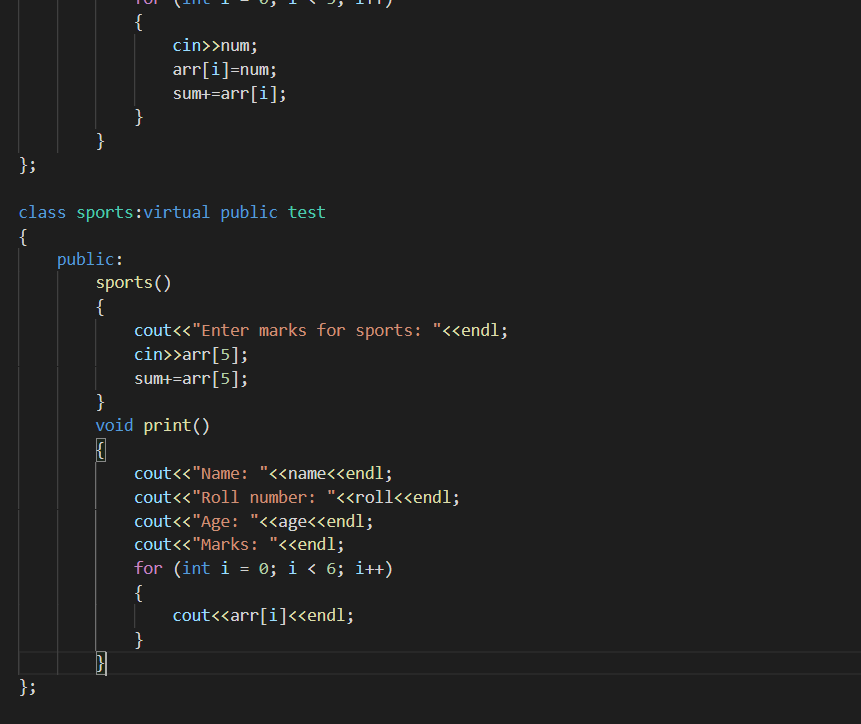


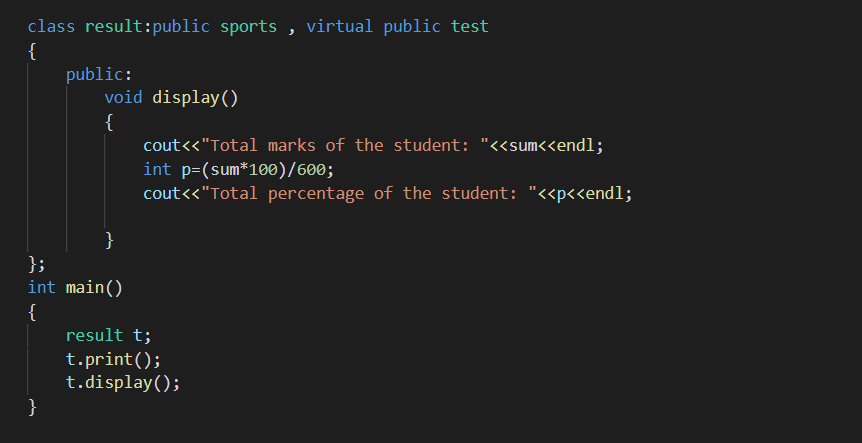
**Output**



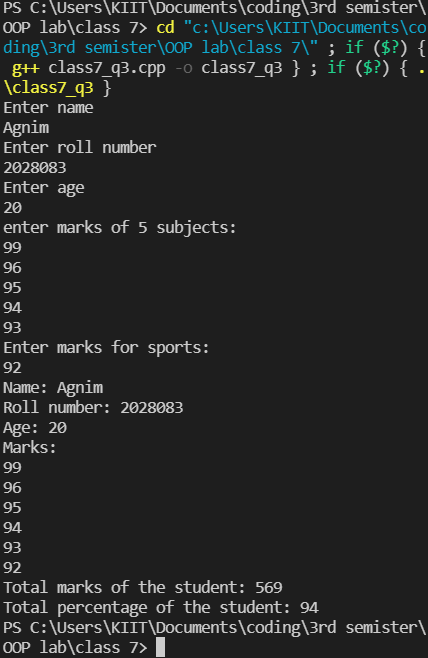
**Question 3**



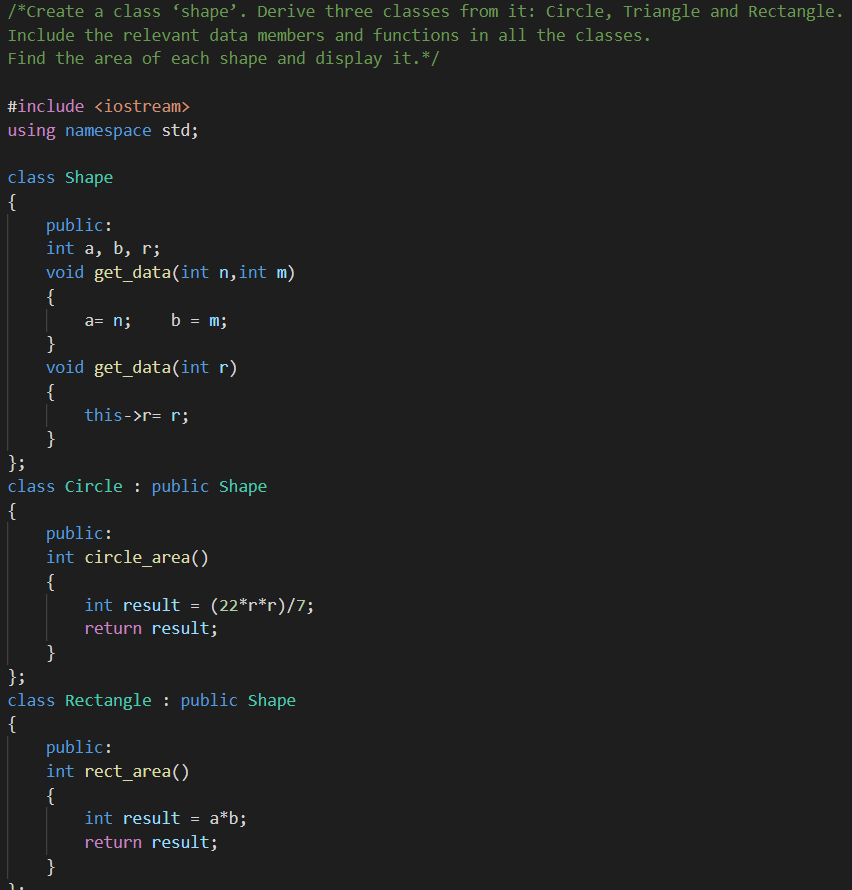


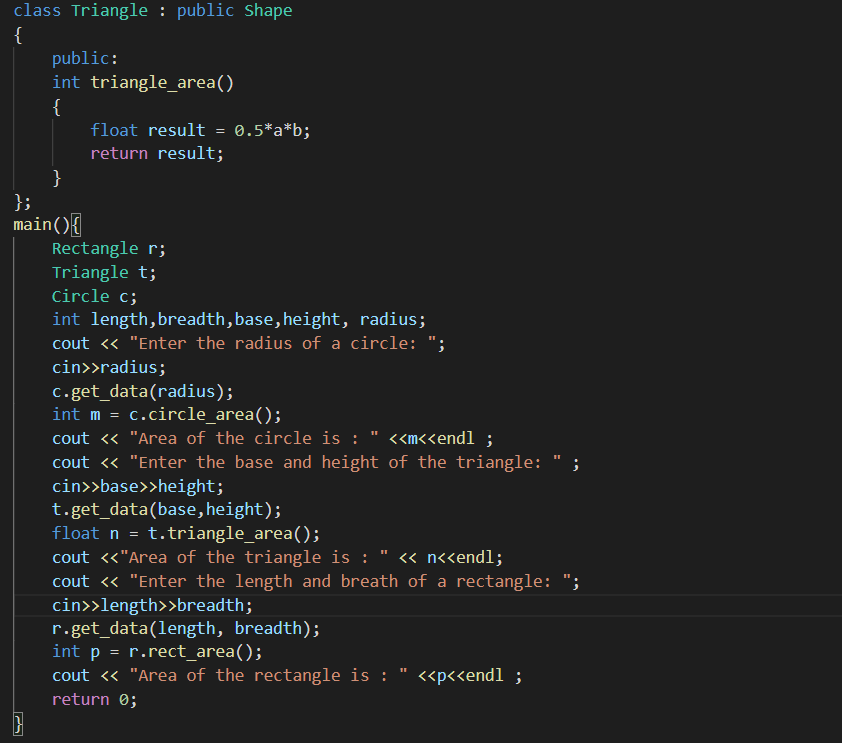


**Output**



**Question 4**





**Output**

