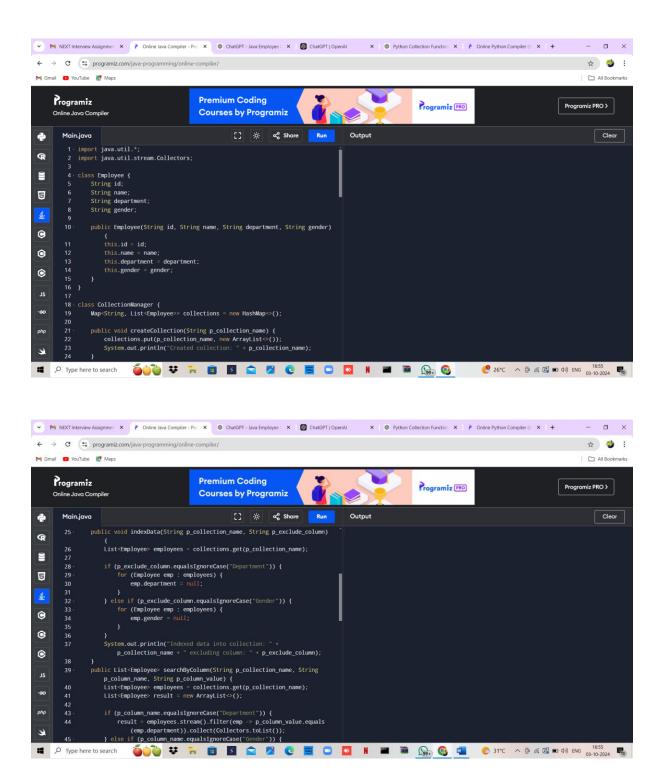
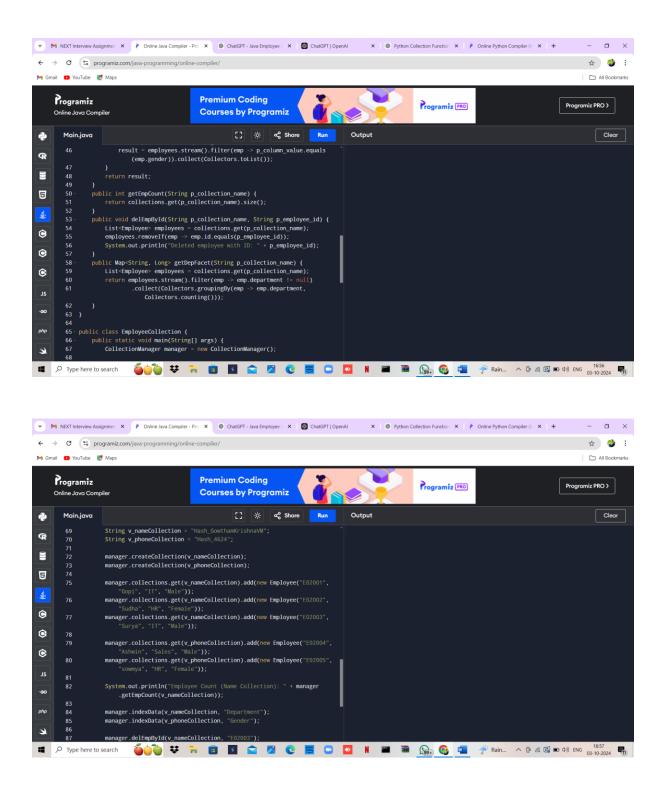
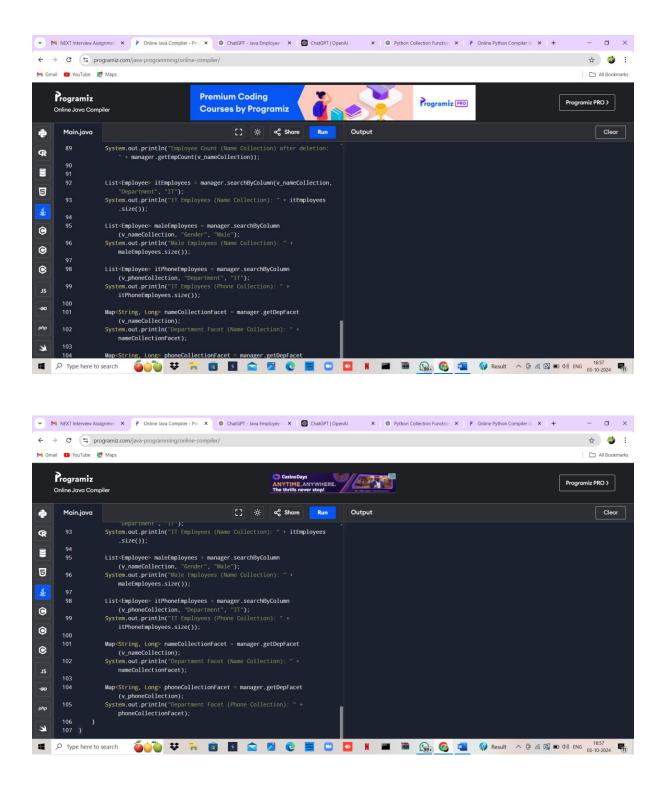


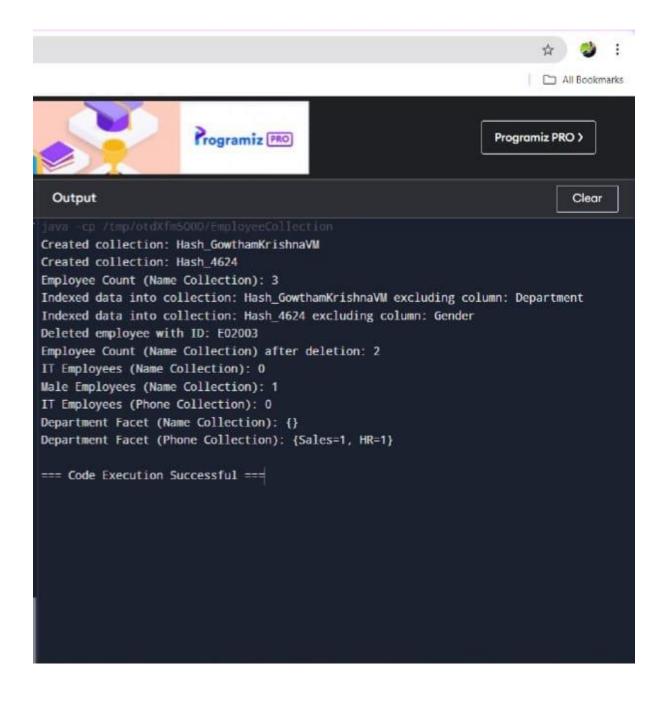
## **Program screenshots:**







## **Output:**



## **Assignment Email:**

