

Section – 1

1. Import “Card_data.csv”
2. Import “Customer_data.txt”
3. Import “Transaction_data.txt”
4. Using ‘Card’, determine how many customers own each type of card (titanium, silver, gold, platinum).

Section – 2

5. In ‘Customer’ add a new column “Flag” which is 1 for each customer who is *married* and *atleast 25 years of age*, otherwise 0.
6. Using ‘Transaction’ make a new data ‘Highest’, keeping only those rows which correspond to *highest transaction amount* for each customer.
7. Combine ‘Card’ and ‘Transaction’ *appropriately* keeping ‘Transaction’ as the *base* and name the combined dataset as ‘Master’.
8. Using ‘Master’, calculate the *sum of transaction amount* for each customer considering only the cards activated after 31st March, 2009.
9. (i) Combine ‘Master’ and ‘Customer’ keeping ‘Master’ as *base* and name it as ‘Master_New’.
(ii) Using ‘Master_New’, find *average transaction amount* for each customer, who has *monthly income* greater than 4000.