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| **Name: Ayush Patel**  **Roll: A232**  **Semester: VII**  **Class: A**  **Branch: Btech IT (4th year)** |
| **Practical-7**  **Aim:** **To use SAS functions and conditional statements to create data values.**  **Designed report for business scenario given below.**  **Business Scenario Part A** |
| **Create Work.Bonus for above scenario to get partial output has shown below.** |
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| **Procedure:**   1. Open SAS Studio and write the SAS program |
| **Instructions:**   1. Write source code of all stored procedure 2. Copy code & paste in code section of Part B. |
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| **Part B** |
| **Code:**  data SubSet;  infile '/home/u59005730/sasuser.v94/sales.csv' dlm= ',';  input Employee\_id First\_Name : $12. Last\_Name : $18. Gender : $1. Salary Job\_Title : $25. Country : $2. BirthDate : date. hire\_date : ddmmyy10.;  Compensation = sum(Salary, Bonus);  bonus\_month = month(hire\_date);  bonus=500;  keep Employee\_id First\_Name bonus country compensation bonus\_month;  run;  proc print data = SubSet;  run;  data dataSubset1;  infile '/home/u59005730/sasuser.v94/sales.csv' dlm= ',';  input Employee\_Id First\_Name : $12. Last\_Name : $18. Gender : $1. Salary Job\_Title : $25. Country : $2. BirthDate : date. HireDate : ddmmyy10.;  Compensation = sum(Salary, Bonus);  BonusMonth = month(HireDate);  length Frequency $12;  if Country = 'AU' then do;  Bonus = 300;  Frequency = 'Twice a Year';  end;  else if Country = 'US' then do;  Bonus = 500;  Frequency = 'Once a Year';  end;  drop Employee\_Id Gender Last\_Name BirthDate;  run;  proc print data = work.dataSubset1;  title1 'Orion Star Ltd.';  title2 'Employee Dataset';  format HireDate date9.;  run; |
| **Output:** |
| **Observation & Learning:**  Learnt to use SAS functions and conditional statements to create data values |
| **Conclusion:**  Successfully used SAS functions and conditional statements to create data values |