1. Given a file with sample contents of a student.bat database from an academic institution

101|Suman|2012|Pass|M

102|Raja|2000|Fail|F

103|Prasad|2013|Pass|M

1. Write a program which will read the above mentioned file and display the output in the following format . This information should also be stored in a file called reports.txt

SID: 101

Name: Suman

Date of Joining : 2012

Result: Pass

Gender: M

SID: 102

Name: Raja

Date of Joining : 2010

Result: Fail…………………

1. Write a menu driven shell script to do the following
2. create files with the name of the each student <studentName>\_<SID>.txt where Student id is auto incremented (For example generate files with name Suman\_101.txt, Raja\_102.txt, Prasad\_103.txt, …).
3. Copy the respective student details from the student.bat database to respective files.
4. Identify Gender, Result and “Date of joining” wise number of students.

Eg. Gender Male : 2 Female 5

Result pass: 2 Fail:1

Date of joining 2001: 2 2002:4

1. Generate summary of reports “Date of joining” wise number of Pass and Fail Report in which the date of joining is accepted as an input.
2. Accept a name/SID from input and display the respective student details from the database Student.bat.
3. Finally identify the total number of student’s records in the Student.bat database.