Design a Data Structure with Python Datatype like List, tuple or Dictionary for any five students result calculation.
Data Structure should have following details.

1) Student ID
2) Student name
3) Student 5 subject names and obtain marks

Please consider Following Constrains to be care of while result calculation

1). Check student has equal or more than 50 marks of each subject If student has less than 50 marks of any subject, then student is fail overall, (here percentage is not required to mention in result).

2). Calculate Grade of each subject marks

  e.g. marks > 80 = AA

   marks >= 70 and marks > 80 = AB

   marks >= 60 and marks > 70 = BB

   marks >= 50 and marks > 60 = CC

    marks < 50 == FF

3). Calculate Overall Grade based on the Percentage

  e.g. perc > 80 = AA

   perc >= 70 and perc > 80 = AB

   perc >= 60 and perc > 70 = BB

   perc >= 50 and perc > 60 = CC

   perc < 50 == FF

print the student result based on the user input. User will enter student id.

Student result will be printed in below format:

Student ID: 22BCA001   Student Name: Mayur Patel

Subject Name	Obtain Marks	Grade
Subject 1	55	CC
Subject 2	90	AA
Subject 3	45	FF
Subject 4	90	AA
Subject 1	55	CC

Overalll Result | Total Marks: 300 | Percentage: --- | Grade: FF