```java
import java.util.Scanner;
public class StudentResult {
public static void main(String[] args) {
Scanner sc = new Scanner (System.in);
System.out.print("Enter name: ");
String name = sc.nextLine();
System.out.print("Enter 3 subject marks: ");
int m1 = sc.nextInt(), m2 =sc.nextInt(), m3 = sc.nextInt();
int total = m1 + m2 + m3;
double avg = total / 3.0;
String grade = avg >= 85? "A" : avg >= 70? "B" : avg >= 50? "C" : "Fail";
System.out.println ("Name: " + name +" | Total: " + total + " |
Grade:" + grade);
}
 }
```