# Homework 2: Java

**Author: Souhail Gaboute**

**Write a Java code that :**

* **Has 5 variables (grade1~grade5) as 5 grades of a student**
  + **grade1= 91.14, grade2= 85.01, grade3= 72, grade4= 63, grade5= 81.14**
* **Find the average of the grades.**
* **Use switch and if to:**
* **If the final average grade is more than 90.00 and less than 100 it prints “A: Fantastic job!”**
* **If it is between 80 to 89.99, it prints: “B: Good!”**
* **If it is between 70 to 79.99, it prints “C: Please try more next time!”**
* **If it is 69.99 or less, it prints “F: Unfortunately you failed!”**

public class HMWRK\_2 {

public static void main(String[] args) {

double g1, g2, g3, g4, g5, AvgGrd;

g1 = 91.14;

g2= 85.01;

g3= 72;

g4= 63;

g5= 81.14;

AvgGrd = (g1 + g2 + g3 + g4 + g5)/5;

if (AvgGrd > 90.00 && AvgGrd <= 100.00)

{

System.out.println("A: Fantastic job!");

}

else if (AvgGrd > 80.00 && AvgGrd < 89.99)

{

System.out.println("B: Good!");

}

else if (AvgGrd > 70.00 && AvgGrd < 79.99)

{

System.out.println("C: Please try more next time!");

}

else if (AvgGrd <= 69.99)

{

System.out.println("F: Unfortunately you failed!");

}

}

}