

## Assignment 1

Hey! Now that you're familiar with basics of Java programming, let's write a small java program to generate a Student ID Card.

Name: Sriyank Siddhartha
Age: 25
Blood Group: A+
Your group is RED

Desired Output:

Problem Statement: Write a Java program that will take user input and print his Name, Age, Blood Group and also his Group to which he belongs to in the school.

Approach:

1. Write the code for user input
  - Initialise class Scanner
  - Ask for Student's name and store it in String variable
  - Ask for Student's age and store it in Integer variable
  - Ask for Student's blood group and store it in String variable

2. Once you have got all user inputs, it's time to decide the group to which the student belongs to. Let's divide the students into three groups: RED, BLUE and YELLOW. A group for a student is decided based on his age.
- RED: If the age of a student is greater than or equal to 20 then he belongs to RED group
  - BLUE: If the age of a student is greater than or equal to 15 but smaller than 20 then he belongs to BLUE group.
  - YELLOW: If the age of a student is greater than or equal to 10 but smaller than 15 then he belongs to YELLOW group
- You need to use IF-ELSE-IF Ladder statements to decide the group for the student based on his age.
3. Once you have got all the attributes such as name, age, blood group and group name, you need to print out the Student ID Card that should look similar the desired output.

Hints:

- To draw dashed lines use hyphen symbol in the print statement