

Day 57 coding Statement : "Pass or Fail"

Anusree is struggling to pass a certain college course.

The test has a total of N question, each question carries 3 marks for a correct answer and -1 for an incorrect answer. Anusree is a risk-averse person so he decided to attempt all the questions. It is known that Anusree got X questions correct and the rest of them incorrect. For Anusree to pass the course he must score at least P marks.

Will Anusree be able to pass the exam or not?

Input Format :

Each testcase contains of input, three integers N, X, P.

Output Format :

For each test case output "PASS" if Anusree passes the exam and "FAIL" if Anusree fails the exam.

Sample Input : 5 2 3

5 2 4

Sample Output : PASS

FAIL

Program :

```
package com.talentbattle.codingchallenge;

import java.util.Scanner;

public class AnusreeResult {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        //Taking the Input from the User.
        Scanner scan = new Scanner(System.in);
        System.out.println("Enter the no. of Questions");
        int N = scan.nextInt();
        System.out.println("Enter the no. Questions answered correct");
        int X= scan.nextInt();
        System.out.println("Enter the Minimum Marks to get Pass");
        int P = scan.nextInt();

        //Each Question Carries 3 Marks for Correct Answer and -1 for Wrong
        Answer.
        int ObtainedMarks = (X*3);
        int NegativeMarks = ((N-X)*(-1));
        int Result = (ObtainedMarks + NegativeMarks);

        //if the Result of Anushree is Greater or Equal to Passing P Marks.
        //Then PASS will be the Result, else FAIL.
        if(Result>=P) {
            System.out.println("PASS");
        }
        else {
            System.out.println("FAIL");
        }
    }
}
```

