

# Les principaux éléments d'une activité de programmation (vue élève, Java)

Pour lancer l'évaluation

Pour éditer le programme

Résultat de l'évaluation

Pour accéder  
à plus de  
boutons

The screenshot shows a programming IDE interface. At the top, there are navigation buttons: 'Description', 'Submission', '</> Edit', and 'Submission view'. Below these is a toolbar with icons for adding files, saving, running, and other actions. The main area is split into two panes. The left pane shows a code editor with two files: 'IntegerTriplet.java' and 'Executable.java'. The code in 'IntegerTriplet.java' is as follows:

```
39
40  /**
41   * @return the sum of the elements in the triplet
42   */
43  public int sum() {
44      return (this.a + this.b + this.c);
45  }
46
47  /**
48   * @return the average value of the triplet
49   */
50  public double average() {
51      return this.sum()/3;
52      /// Ceci est un commentaire de l'enseignant
53  }
54
55  /**
56   * @return the string obtained by concatenating the three
57   */
58  public String concatenate() {
59      //TODO
60      return "TODO";
61  }
62  /**
63
64
```

The right pane shows the 'Proposed grade: 30 / 100' and a 'Commentaires' section. Under 'Tests results', there are four test cases:

- Test 1/8 : IntegerTriplet.sum
- Test 2/8 : IntegerTriplet.sum
- Test 3/8 : IntegerTriplet.average  
Incorrect program result  
Input : IntegerTriplet(1,2,7).average()  
Message : "Watch out the behaviours of division and primitive types. Make sure you are not doing the euclidian division."  
Program Ouput: 3.0  
Expected Ouput: 3.3333333  
Method : average
- Test 4/8 : IntegerTriplet.average  
Incorrect program result  
Input : hidden  
Message : "Watch out the behaviours of division and primitive types. Make sure you are not doing the euclidian division."  
Program Ouput: 1.0  
Expected Ouput: hidden  
Method : average

At the bottom of the right pane, there is a 'Description' button.

Le programme de l'étudiant

Pour afficher l'énoncé

VPL