

	Points reached
Exercise 1	4
Exercise 2	5
Exercise 4	0
Question 3	0
Problem 1	0
Problem 2	2
Problem 3	1
total	12

Total: 12 points  
from questions: 0 points  
from exercises: 9 points  
from problems: 3 points

Total bonus: 1 point  
from questions: 0 points  
from exercises: 1 point  
from problems: 0 points

## Exercise 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

foo x<sup>2</sup> y<sup>3</sup> \gna

## Solution 1

This is the solution to exercise 1.

foo x<sup>2</sup> y<sup>3</sup> \gna

\_\_\_\_\_  
4 (+1) p.

4 (+1) p.

## Exercise 2 *Foo*

\_\_\_\_/5 p.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

### Problem 1

Tags: analysis, functions

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

*Your answer:*

## Question 3

Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetur adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim.

Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

```
\ExerciseID: 4
\GetExerciseProperty{id}: 4
\GetExerciseAliasProperty{ID}: 4
\GetExerciseProperty{ID}: 4
```

### Problem 2 (2 points)

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

```
\ExerciseID: 5
\GetExerciseProperty{id}: 5
\GetExerciseAliasProperty{ID}: 5
\GetExerciseProperty{ID}: 5
```

*Your answer:*

### Problem 3 (1 point)

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

\ExerciseID: 6

\GetExerciseProperty{id}: 6

\GetExerciseAliasProperty{ID}: 6

\GetExerciseProperty{ID}: 6

### Exercise 4

Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam. Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congue quam, in hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor. Vestibulum porttitor. Nulla facilisi. Sed a turpis eu lacus commodo facilisis. Morbi fringilla, wisi in dignissim interdum, justo lectus sagittis dui, et vehicula libero dui cursus dui. Mauris tempor ligula sed lacus. Duis cursus enim ut augue. Cras ac magna. Cras nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi eget nunc. Nam feugiat lacus vel est. Curabitur consectetur.

\ExerciseID: 7

\GetExerciseProperty{id}: 7

\GetExerciseAliasProperty{ID}: 7

\GetExerciseProperty{ID}: test

### Exercise

Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam. Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congue quam, in hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor. Vestibulum porttitor. Nulla facilisi. Sed a turpis eu lacus commodo facilisis. Morbi fringilla, wisi in dignissim interdum, justo lectus sagittis dui, et vehicula libero dui cursus dui. Mauris tempor ligula sed lacus. Duis cursus enim ut

augue. Cras ac magna. Cras nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi eget nunc. Nam feugiat lacus vel est. Curabitur consectetur.

## Solutions to the Exercises

### Solution 1

4 (+1) p.

This is the solution to exercise 1.

foo x<sup>2</sup> y<sup>3</sup> \gna

### Solution 2

5 p.

This is the solution to exercise 2.

### Solution 4

This is the solution to exercise 4.

### Solution

This is the solution to exercise .

## Hints to the Questions

### Hint 3

This is the solution to question 3.

## Answers to the Problems

### Answer 1

This is the solution to problem 1.

### Answer 2 (2 points)

This is the solution to problem 2.

**Answer 3 (1 point)**

This is the solution to problem 3.

## 1 Statistics

Exercise 1:

id: 1, type: exercise, subtitle: , points: 4, bonus: 1

Exercise 2:

id: 2, type: exercise, subtitle: Foo, points: 5, bonus:

Exercise 4:

id: 7, type: exercise, subtitle: , points: , bonus:

Question 3:

id: 4, type: question, subtitle: , points: , bonus:

Problem 1:

id: 3, type: problem, subtitle: , points: , bonus:

Problem 2:

id: 5, type: problem, subtitle: , points: 2, bonus:

Problem 3:

id: 6, type: problem, subtitle: , points: 1, bonus:

Exercise 1:

id: 1, type: exercise, subtitle: , points: 4, bonus: 1

Exercise 2:

id: 2, type: exercise, subtitle: Foo, points: 5, bonus:

Problem 1:

id: 3, type: problem, subtitle: , points: , bonus:

Question 3:

id: 4, type: question, subtitle: , points: , bonus:

Problem 2:

id: 5, type: problem, subtitle: , points: 2, bonus:

Problem 3:

id: 6, type: problem, subtitle: , points: 1, bonus:

Exercise 4:

id: 7, type: exercise, subtitle: , points: , bonus:

Exercise 1: 4 points  
 Exercise 2: 5 points  
 Problem 2: 2 points  
 Problem 3: 1 points

Number of questions: 1  
 Number of exercises: 3  
 Number of problems: 3

## 2 Grading tables

Exercise	1	2	4	total
Points	4	5	0	9
reached				

Problem	1	2	3	total
Points	0	2	1	3
reached				

	Exercise 1	Exercise 2	Exercise 4	Question 3	Problem 1	Problem 2	Problem 3	total
Points	4	5	0	0	0	2	1	12
reached								

Exercise	Points	reached
1	4	
2	5	
4	0	
total	9	

Problem	Points	reached
1	0	
2	2	
3	1	
total	3	

	Points	reached
Exercise 1	4	
Exercise 2	5	
Exercise 4	0	
Question 3	0	
Problem 1	0	
Problem 2	2	
Problem 3	1	
total	12	

### 3 Details

(exercise:1:1::4:1)  
(exercise:2:2:Foo:5:)  
(exercise:7:4:::)  
(question:4:3:::)  
(problem:3:1:::)  
(problem:5:2::2:)  
(problem:6:3::1:)