

Last name	
First name	
Group	

Grade	
-------	--

**Algorithmics**  
**Undergraduate 1<sup>st</sup> year (S2)**  
**Midterm #2 (C2)**  
**22 February 2017 - 9 : 30**  
**Answer Sheets**

1	
2	
3	
4	

*Answers 1 (Be daring... - 4 points)*

1. Graphical representation of the tree:

2. Inorder node list:

---



---

3. Occurrence representation of the tree:

---



---



---



*Answers 3 (Synergistic Dungeon – 4 points)*

**Specifications:**

The function `dungeon(M)` returns the minimum initial number of health points the princess must have to rescue the knight in the dungeon represented by the not empty matrice  $M$ .

[illegible]

