

Last name	
First name	
Group	

Grade	
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**Algorithmics**  
**Undergraduate 2<sup>nd</sup> year - S3#**  
**Midterm #3 (C3)**  
*10 mars 2020 - 14h45*  
**Answer Sheets**

1	
2	
3	
4	
5	

**Answers 1 (Hashing – 3 points)**

1. Linear probing ( $d = 3$ ) :

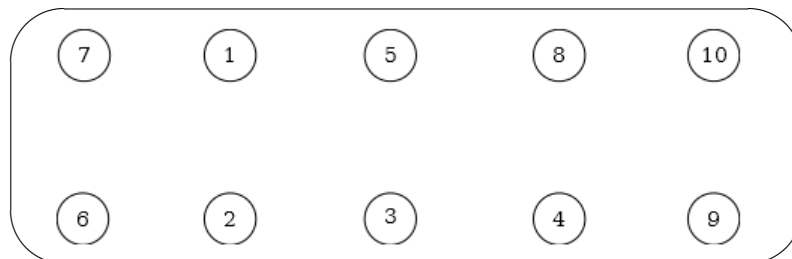
0	
1	
2	
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9	
10	

2. hashing with separate chaining:

0	
1	
2	
3	
4	
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10	

**Answers 2 (Draw to win – 2 points)**

1. Draw the digraph G:



2. indegree

1	2	3	4	5	6	7	8	9	10





