**Homework 8.1**

1. \_\_\_\_\_\_\_\_\_ is the class of decision problems that can be solved by non-deterministic polynomial algorithms?  
   **a) NP**  
   b) P  
   c) Hard  
   d) Complete
2. To which class does the Euler’s circuit problem belong?  
   **a) P class**  
   b) NP class  
   c) Partition class  
   d) Complete class

**Homework 8.2**

1. Halting problem is an example for?  
   a) decidable problem  
   **b) undecidable problem**  
   c) complete problem  
   d) trackable problem
2. How many conditions have to be met if an NP- complete problem is polynomially reducible?  
   a) 1  
   **b) 2**  
   c) 3  
   d) 4