

**HOMEWORK**  
**TOPIC: PATTERN MATCHING**  
**GROUP: 10**

1. Construct the **KMP** DFA table and the **LPS** array for the following pattern string:  
**ABAABCABAABCB**
2. Compute the `right[]` array for the pattern: **ABRACADABRA**.
3. Convert the following NFA graph to the corresponding RE.

