

Task 6

Submit through the UPLOAD system

(or via e-mail to olga.stepankova@fel.cvut.cz if UPLOAD is not accessible for you)

Deadline for submission of Task 5: 15.5. 09:00 am.

Task 6. Card game “Aces and nines” Max.evaluation: 2 points

3 players have a deck consisting of **4 ACES** and **4 NINES**. Each gets 2 cards, 2 remaining cards are left face down. None of the players looks at his/her cards - instead he/she raises them to his/her forehead so that **the others** can see them. All the players take turns trying to determine their own cards. If a player does not know his/her cards he/she must say so. The first, who announces “*I know!*” is the winner!

We can hear what the players are saying:

1. Both the Player**1** and Player**2** say “*I cannot determine my cards.*”
2. The Player**3** can see, that **1AA** and **2NN**.

Specify and explain the answer provided by the Player3**!**