A individual task in discrete math:

Edited at 6am 13.3.2017.

s is your student number. k = s mod 10000. T = s mod 100. m = s mod 35. a = s mod 25.

L = s mod 10. $d\_{2}=\frac{T-L}{10}$. e = s mod 8. m7 = s mod 7. m6 = s mod 6. m4 = s mod 4. m3 = s mod 3.

Introduction to discrete math:

1. Why do you need discrete math?

Sets:

2. Find all number of subsets for the set with cardinality = m.

Polygonal areas:

3. Solve polygonal areas problem for:

m4 = 0: 4

m4 = 1: 6

m4 = 2: 8

m4 = 3: 9

Plot polygon using this plotter:

http://www.shodor.org/interactivate/activities/SimplePlot/

Games:

4. Join Dota2 gaming competition.

http://www.dota2.com/international/overview/

5. Play chess at chess.com

6. Predict March 2017 games results of soccer World Cup qualifying games.

http://www.fifa.com/worldcup/preliminaries/matches/index.html#

Project:

7. Improve your project.

Write the proposal.

Prepare to present your project to a native English speaking doctor of science.

Deadline: 18.3.2017.