List of tasks for students:

1. Draw indifference curves for the following consumer situation (pair of goods) and explain:
    a) "I like beer, and I do not care what brand it is.
    b) "I do eat bread, but only with a butter Otherwise I do not eat bread at all.
    c) "If you give 3 or more cubes of sugar to the coffe it will be for me unacceptable.

2. Consumer spends on the purchase of goods X and Y together 200 monetary units. Utility function is defined as U = X * Y. Price the of good X is 10 - and the goods price Y is 4, -. What quantity of goods the will the consumer buy if he wants to maximize his benefit?

3. State always two kinds of goods whose demand manifests features:
    a) high income elasticity,
    b) low income elasticity,
    c) high price elasticity,
    d) low price elasticity.

4. Determine the marginal utility from the consumption of the tenth good X, if you know the total utility function: TU = 24X-X2.

5. Determine the marginal utility from the consumption of the third unit of the good X, if the total utility function is given by the equation: TU = 8X + 2X2.

6. We have the overall utility function of the form: 10X-X2. (X indicates the unit of goods consumed per week). Determine the equation of MU.
    a) At what level of consumption will fall TU?
    b) Derive and draw the curve MU and TU.
    c) The price of X is 6 CZK. At which consumption goods X will maximize household utility.

7. Student gets an allowance CZK 300 per week. He spneds his money on Kofola (X) and trdelník (Y). Price of trdelník is 50 CZK per piece and price of Kofola is 25 CZK per half liter.
    a) Write the equation of the budgetary constraints of the student.
    b) At steady state student drinks per week 5 liters Kofola. How much trdelník then buys?
    c) Calculate the MRS equilibrium market basket and draw graphically.