4. Plots

During evaluation solutions that produce runtime errors or solutions that are partially good should also be evaluated. The mark can be awarded if the part of the code that corresponds with the given item is flawless. For displaying results marks can be awarded regardless of accents.

For the individual exercise parts separate marks can be awarded for messages displayed on the screen as given in the guide, but only if the exercise number, the message required for use and the data in the required format are displayed. The marks can be awarded even if the calculated values are incorrect.

Created a program named `plots`		1 mark
The mark can be awarded only if the name is exact and the program does not contain any compilation error.		
Processing the input file		6 marks
Opened the file for reading before reading the data	1 mark	
Read the number of plots	1 mark	
Read the line of at least one plot correctly	1 mark	
Read all data correctly	1 mark	
Stored all data	2 marks	
The last 2 marks can be awarded even if the data were not stored but at least four exercise parts were solved.		
The last 2 marks can be awarded even if the candidate could not read from the file but stored the data given in the exercise. In this case the previous marks for file operations can not be awarded.		
Walk around		3 marks
Determined the length of the streets	1 mark	
The mark can be awarded even if the length of only one street was determined (the streets are of equal length).		
Took the 80-m distance between street fronts into consideration twice in the walk around	1 mark	
Displayed the answer on the screen	1 mark	
Plots with complete street front building		3 marks
Applied the condition correctly for at least one plot	1 mark	
Counted the plots that satisfy the condition on Fortune Row	1 mark	
The mark can be awarded even if the plots were counted on the basis of an incorrect condition, but can not be awarded if plots not on Fortune Row were taken into consideration.		
Displayed the answer on the screen	1 mark	
The distance between the largest and smallest plots on Prosperity Row		7 marks
Determined the area of the plot correctly for at least one plot	1 mark	
Determined the smallest and largest plots on Prosperity Row	3 marks	
If both data were determined, 3 marks, if only one, 2 marks can be awarded.		
Determined the number of plots between the smallest and largest plots correctly	2 marks	
The mark can not be broken down.		
Displayed the answer on the screen	1 mark	

Plot tax		8 marks
Calculated the tax for plots smaller than 700 m^2 correctly The mark can not be broken down.	2 marks	
Calculated the tax for plots between 700 and 1000 m^2 correctly	1 mark	
Calculated the tax for plots larger than 1000 m^2 correctly	1 mark	
Applied tax allowance correctly	1 mark	
Applied rounding correctly	1 mark	
Summed the taxes for each plot The mark can be awarded even if the value was rounded down in the case of 50. For the source file belonging to the exercise the correct result is 629000 if rounded down, 629100 if rounded up.	1 mark	
Displayed the answer on the screen	1 mark	
Last three plots on Fortune Row		7 marks
Chose at least the last plot	1 mark	
Chose all three last plots	1 mark	
Calculated the distance from the head of the street correctly for at least one plot	2 marks	
Calculated the distance from the head of the street correctly for all three plots The above 3 marks can be awarded even if the candidate worked with data that were not ordered by house number, but determined all data used from the available information with the help of the program.	1 mark	
Displayed the plot data by house number in descending order	1 mark	
Displayed the answer on the screen	1 mark	
Calculating length data for the plots on Fortune Row		10 marks
Used lists ordered by house number for both Rows	1 mark	
Selected an opposite plot for at least one plot The mark can be awarded even if, for example, for the plot at 2 Fortune Row the length of the plot at 1 Prosperity Row was used.	1 mark	
Took each opposite plot into consideration for at least one plot and calculated with the length of the longest plot in the calculation	2 marks	
Determined the length of the plot using the length of the longest opposite plot for at least one plot on Fortune Row	1 mark	
Determined the length of each plot on Fortune Row by taking into consideration at least one opposite plot	1 mark	
Determined the length of each plot on Fortune Row by taking into consideration the longest opposite plot	2 marks	
Created file `fortunerow.csv` and the file contains the data of at least one plot in the correct format	1 mark	
The file contains the data of each plot in the correct format The previous two marks can be awarded even if the file contains incorrect length data.	1 mark	
Total:		***45 marks***