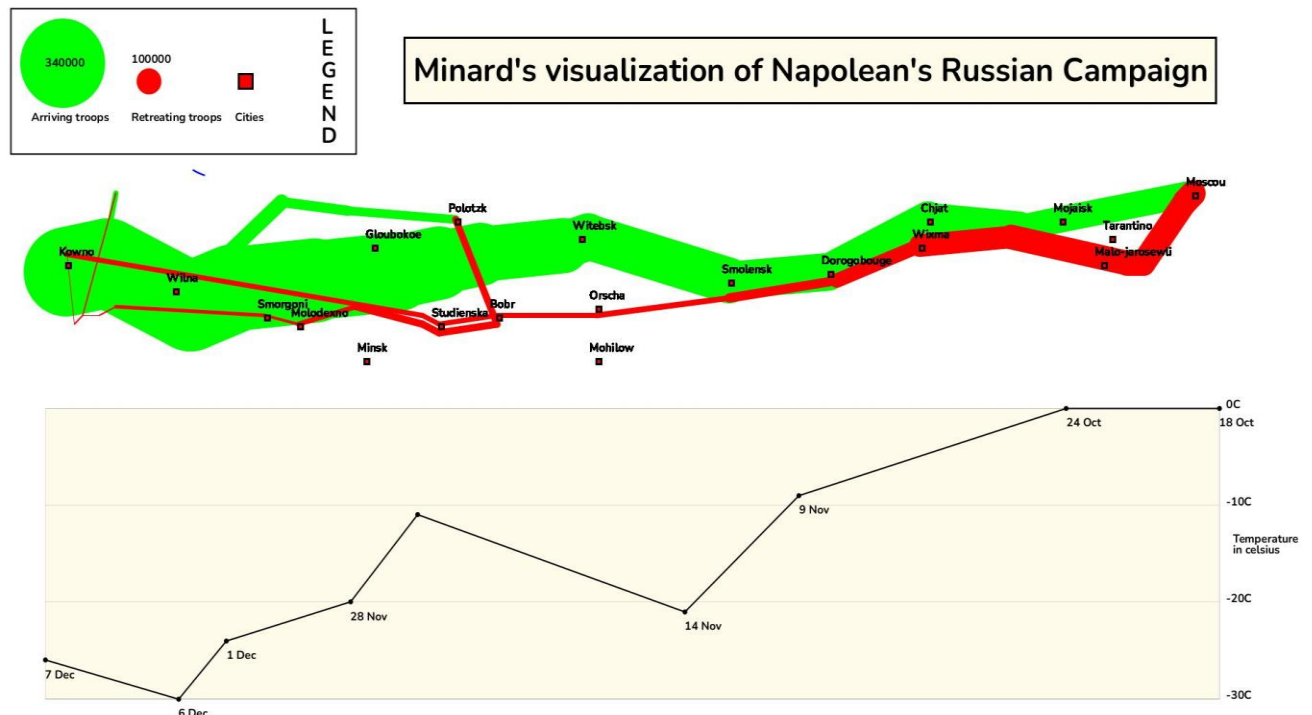


DECLARATION: I understand that this is an **individual** assessment and that collaboration is not permitted. I have read and I understand the plagiarism provisions in the General Regulations of the University Calendar for the current year, found at <http://www.tcd.ie/calendar>. I understand that by returning this declaration with my work, I am agreeing with the above statement.

Minard's Visualisation:



Description

The above visualisation was generated using Processing (Java) from scratch without the use of any libraries. The green line on the map depicts arriving or advancing troops and the red line represents the troops that are retreating. The thickness of the lines represent the number of troops at each given location and the thickness of the lines is scaled to suit the graph. The red boxes/squares represent the cities locations on the map. Below the map there is another graph present that displays the temperature against the longitude on the given days and months. There is also a legend given in the visualisation to make the understanding of it much easier.

References

- [1] T. Munzner, Visualization Analysis and Design, AK Peters / CRC Press, 2014.
- [2] <https://processing.org/>