SNOW WHITE AND THE SEVEN DWARFS

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After a long day at the office, Snow White comes home to the cabin in the woods. She observes that there is no light in any of the windows and when she opens the door she sees that the seven dwarfs aren't at home.

Since Snow White can't find a message, she starts her computer to check her mails for news from her roommates. On the desktop, she finds a single file. It is called snow.txt.

The file contains the following text:

Finse is an area in the Ulvik municipality of Hordaland, Norway. The railway station at Finse (Finse Station) on the Bergensbanen at 1,222m is the highest station on the entire Norwegian railway system. Since there are no (public) roads to Finse, the railway provides the sole means of transportation to and from Finse. During summer, however, it is possible to walk or cycle to Finse. Across the railway line from the station is housed the railway navvy museum, which has exhibits on the construction of the railway line and two decommissioned snow-clearing engines which you are free to explore. The area also has a hotel (Finse 1222), a hostel (Finsehytta, DNT) and a number of private cabins.

During the winter, Finse is popular for cross-country skiing, sail skiing (due to its location on the edge of a frozen lake), expedition training and Red Cross training. The ill-fated Scott expedition to the South Pole trained here, and outside the hotel there is a monument to those that died. There is one small drag-lift which allows you to downhill ski on one slope back into town.

A quick internet search reveals that these are the first two paragraphs of the Wikipeda article [1] on the small Norwegian town Finse. "Why are the dwarfs so interested in this village?", Snow White wonders. As she reads through the article again, she notices that there are some blank lines at the bottom of the document.

She decides to make coffee and then think about where the dwarfs could be and what the strange file is all about. While sipping a cup of coffee, Snow White remembers that she has heard of a steganography program called SNOW [2]. It appends whitespaces to ASCII texts to hide messages in the cover text. Maybe the Wikipedia article is just a cover text and the dwarfs have hidden a message in it.

Snow White is looking for the password needed for the SNOW program to extract the message and finds a note pinned to the fridge. It reads:

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dlsjvtl Av PumvythApvu ZljBypAF DpAopu Aol ZuvD
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She remembers that she and the dwarfs agreed on encrypting important messages with a Caesar cipher so that the content can't be read by evil creatures that live in the forest of fables. Unfortunately, she is too excited and worried to remember the key they chose.

Can you help Snow White to decrypt the password she found at the fridge and to use this information to extract the dwarfs' message from the file? You can find the file snow.txt attached to this challenge. Please enter the message you extracted from the cover text as the solution.

MysteryTwister C3
THE CRYPTO CHALLENGE CONTEST

References

[1] Wikipedia article *Finse*, http://en.wikipedia.org/wiki/Finse

[2] The SNOW program including a Java applet and the Java source code, http://www.darkside.com.au/snow/