**Snowman**

My colors are changing according to your choice. I’m listening to a MQTT topic and understand the colors listed below. Please create some scripts that get my colors to change, maybe by the weather conditions, number of users currently using a service, number of reindeers on North Pole, etc.

Eg. Paho MQTT Client library for Python can be used.

NB. I’m a quite slow reader so I only reads every 5th second.

# Colors

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| off | red | magenta | blue | cyan | green | yellow | white |

# Connection details

Host:

Port:

Topic:

Username:

Password:

# Dictionary for what my colors means right now

<Paste your solution here>