https://mermaid.live/edit#pako:eNp1VlFvGkcQ_ivbVVFMexAOjKHXxFIDyVvy1KeWpjr7DvtUuHOPI6a1LIHtxJVcxbVUqVIfmrrte6kD4WwM_gu7_6gzswu-gGPL4ny7832z33wzyx7fDByXW7zeCHY3t-0wYl9Waz6Dny--rvGndsdr2qyYXS1nzQcb4br4RYzFWzGVXRHLA3HN4KEv_oMXB_Kkxr9hmcw6ewSR4g_ZE1NYGYoJ_E5lD7bHTMRiAg9D2ZVHsHQJm_pst6N4IF5TE0xlBgPh4kKeMHEBv1MxgBCIxhyu5aEYM8S9goVrSGUiBgswVYT5W9xQpheQPmYUiyFDTHkM5-jNXspTwIgX4h9j_DmcrwtkV_B5SIfvYlJEiFgLMiTjn2D8X7DrRh0Dd_fkK2LsI5RmVDGPlIImBv2pMY9hL6Q7hUOCFBDNIE0Il68NBqiYw1CMVfJUpJiR9GPAB9nlz_I1k6cKRlzN09NUeaT6l1YvgSFOypzySFzMev4qWAQofEhgzYmofczNouTOEQr3ova3EhpIgyZBDAgwaPMNWgUwplowWEiIVVE-IbHOtbX6UKMeFnWeZsXU22zc9xsRoAF_unVCwj2U5Ocskzg1oxRG6DXQEijwj_L7GPehx0fvibRMvUFe1sfBeFBAnljsU4NlDPaJwe4b7LnBPlIKaSUnM1da7IHB1g32kJbfkP96JF1CQItZy7ybyPs7ZDXR2k7QoRZL7XgGS7nw59FBPL9usChsw5u63Wi5yyKTTf4BDaAIUIw40SeVvN5i61ZRSqK74XmClrdY6_swWkkbrOX58IGcbmcHXzSCLfywN1or6WVIEu4NHACkFyPVczhAqBQ99CuAI1p9pZNm1kPWeZ5PJF9VI4AccgbWxB6a9S546Y4ZIC4J7h5bgVPcqMGFAfIozeZ2HKhALNO7mYvE9Tx7zUqSUbVAhEMQJJ5lTiPtrgmkD3MP6Qd4VraYheinF3kKSvYeCD1WHTzBEblk2sRoqhZ0KJYshS4mEkpjoGS4A2A5HMuTCp4BwPLuZP_H7FmiKo_VYH1vyB1QNWC4gcQ96uBT-XI2MabyJYmN3QDz7D44oS_e0kQeqVcsu9tpduYJaoa8ukL0ZZEQmVElrqqgp5lM5kS4ZlChHoAfW7AQGFLGiF7V_koP7iRr25qzmQxzBGiF5UywZR_mtbm9GQYiNAG1h-w4-hXbU8po7ibbQJH11peDNQN1FQ_qGjIZTPxbv5Bleu-pYXboGjuUZtT6RNQKbmnFj_uS3m264yFNQBRomRiXdfonhpNNvBY0XLuLUPd_5NgwCAm14vl5YRF5F5F-hdEf4PYDkmuBUWbhWE98YsNxwkFc0D5HS8ep1JPH8yN0Cqe5gKS4aTF2dfeqlGLBur6WmHYVeB_EcN3LDpufbfqTgX7g4uQibG3wr9Bxu0ajkIFnTxn_5HvLWeLTtNmF2WvDo2OF3NV7z9yEGCvpVEDRnYWHQ3trmFg1ag7d3HEi-6tlwiNstru-4YSVo-xG3ysUSYXBrj3e4lTHLZiGb-6yQKxTNYq5cgNUfuGXmS9ncWmmtmDPNXKGUK63tG_xHol3N5kpmHtZyq-V8qVw2De46HvjtqfryR98B9_8HcHQL3g