task x) TOR- **T**he **O**nion **R**outing Project
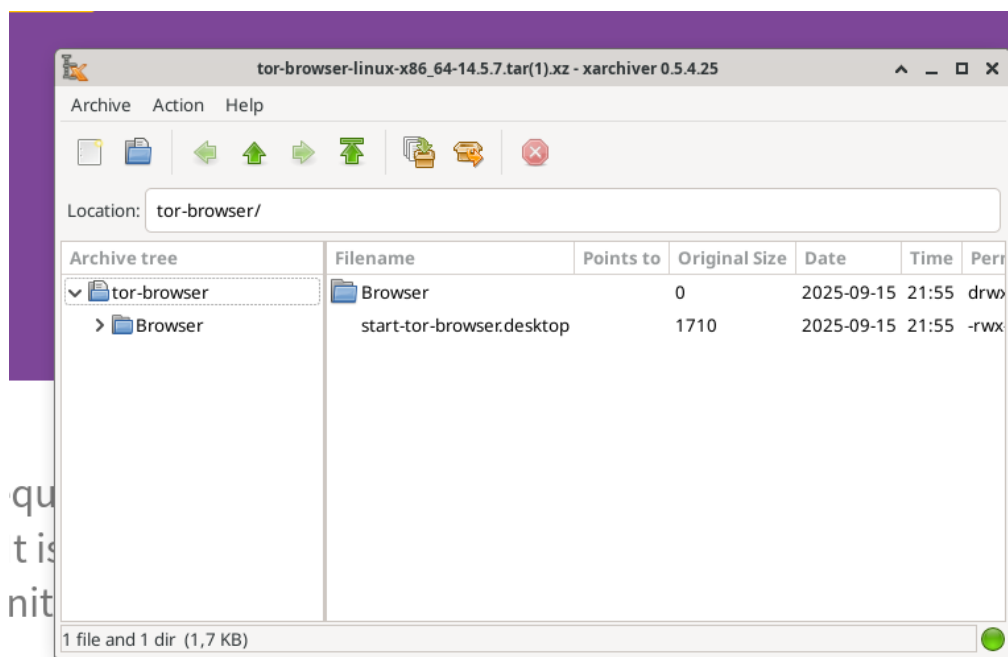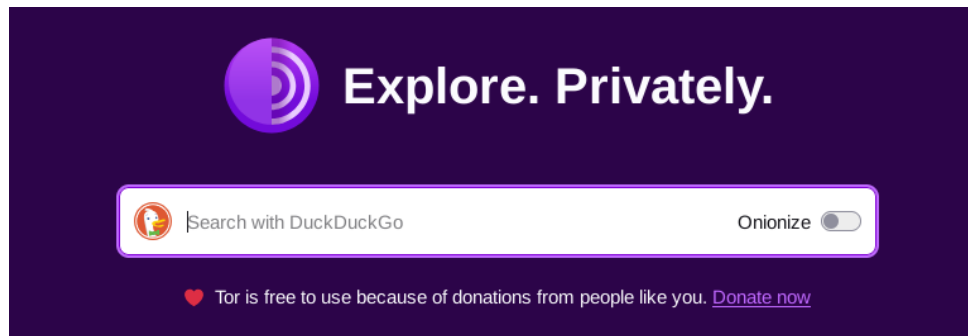
- TOR allows anonymity by re-routing traffic via series of volunteer-run relays:

    o they encrypt data to be like an onion, layered

    o re-routing traffic by bouncing data through random relays, at least three, to separate identity from location and destination of the traffic

    o anonymity: online activities can't be linked to you easily

- Uses for TOR (positive):

    o Journalists use it to be privately in contact with their sources

    o People use it preserve their privacy

    o Military for secure communication and planning

- Privacy:

    o it doesn't track your activities, clears cookies as well as history, it isolates website visits; automated to prevent third party tracking

    o fingerprinting resistant: every user appears to be similar

    o open source: free, source code is available for scrutiny, contributes trustworthiness

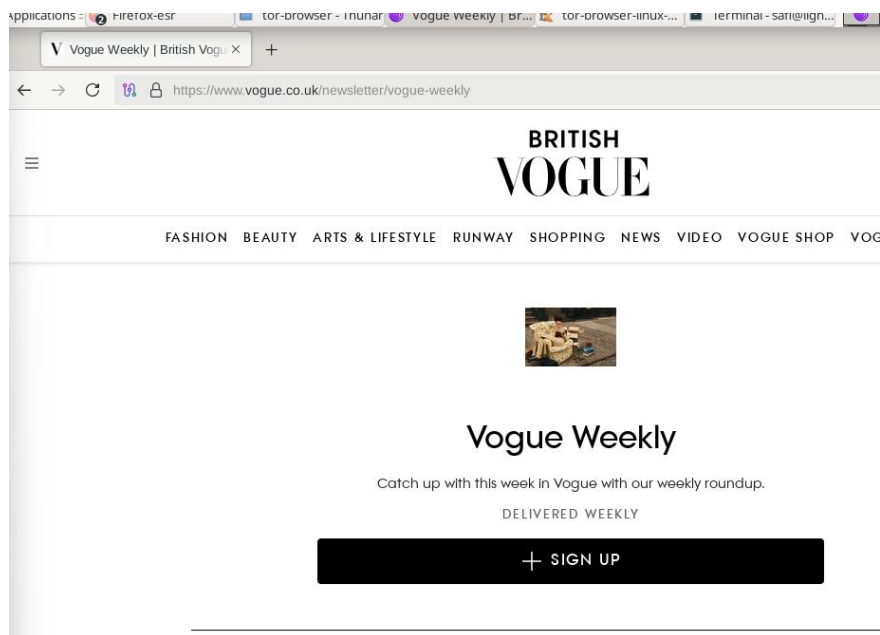- not full proof: services can see what you do on their platform even though you are using TOR
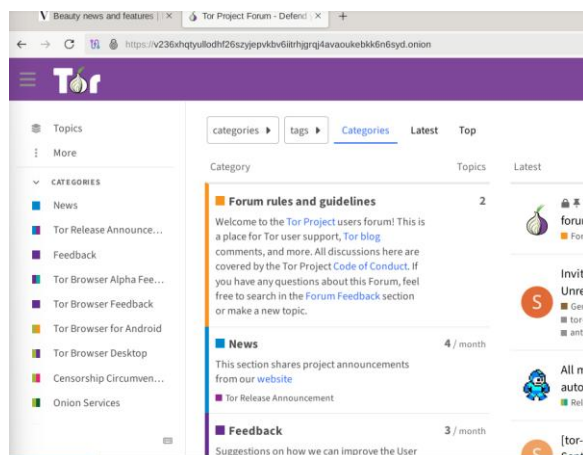

a)

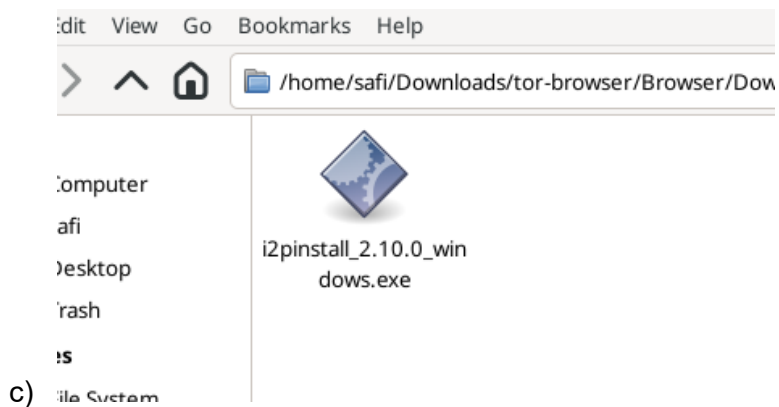I browsed through TOR a little bit by searching up the British vogue

b)

I went studied some of the forum guidelines. Unfortunately I couldn't get into a marketplace and browse it.

c)

I browsed through I2P and downloaded it. I2P or Invisible Internet Project is an anonymous network layer that is fully encrypted and is peer-to-peer. It is designed to provide protection from surveillance and monitoring on communications. Essentially it is a private internet that runs separately.