HW14 Due Oct 21, 2020  20 Points

1) Compute the following discrete logarithms.

   (a) Solve the congruence $2^x \equiv 13 \pmod{23}$.

   (b) $10^x \equiv 22 \pmod{47}$.

2) In the RSA scheme, Bob accidentally leaks his private key $d$. So he decides to generate new public and private keys. Is this scheme safe? Justify your answer.