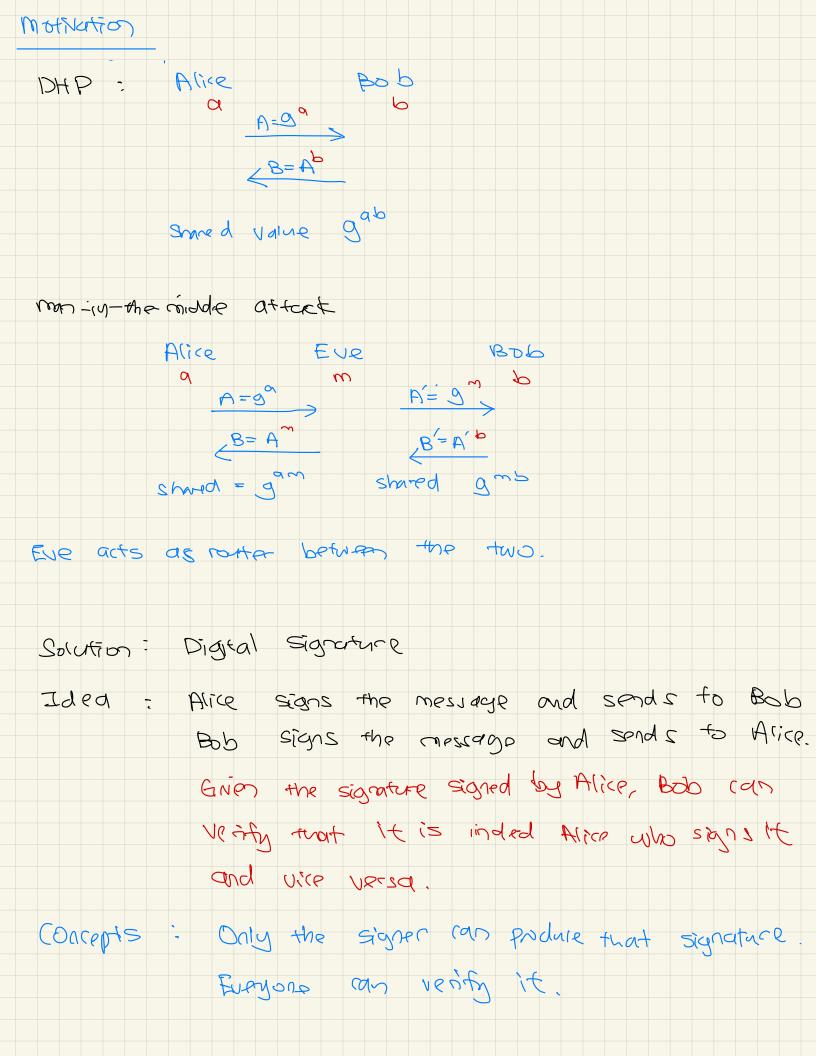
Outline (Over simplified version) Digital Signature (over simplified version) Hash fuction



General idea: to sign: private key + message = signature to verify: message + signerane + public terms True False RSA Digital Signature. public : N, e private : p, a, d $\begin{cases} N = Pq \\ Sed = (mod (P-1)(q-1) \\ Sed (P, P-1)(q-1) = 1 \end{cases}$ Sign: S = md mod N send (m, s) Venty: m' = 5 mad N Accept m if m is equal to m' Inefficient of signing long messages: the number of Pite of signature could be at long an werea de