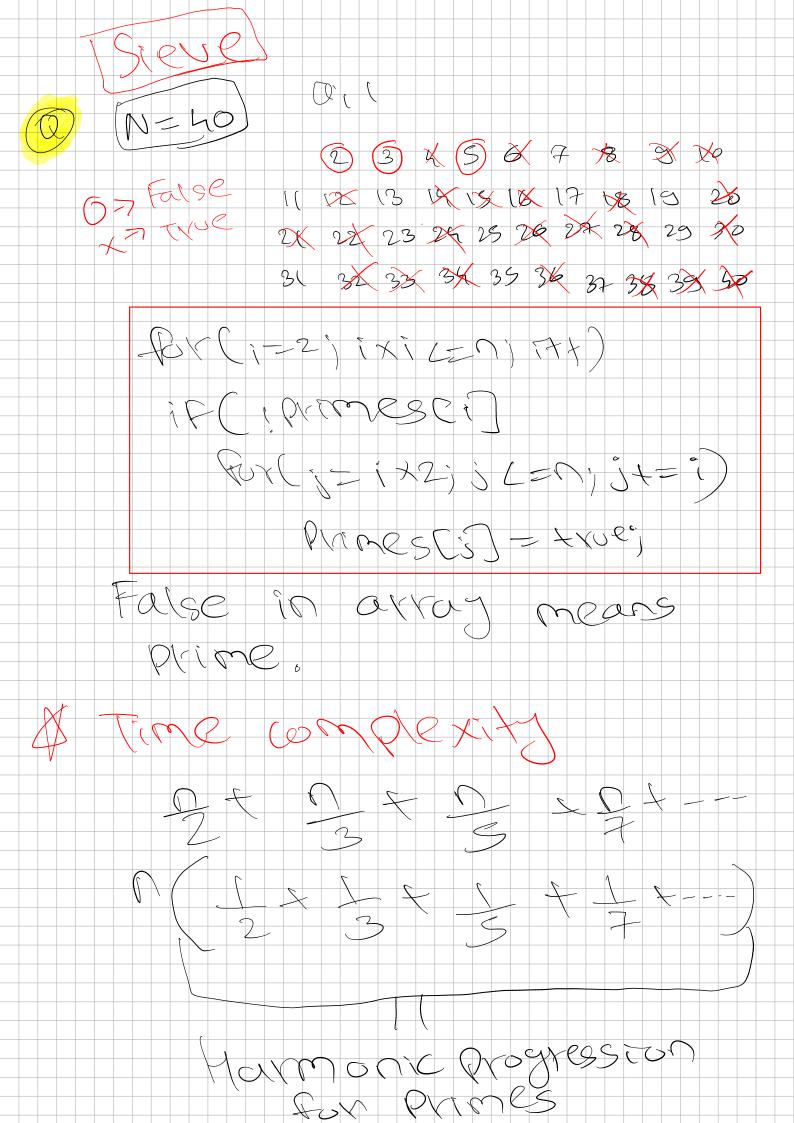
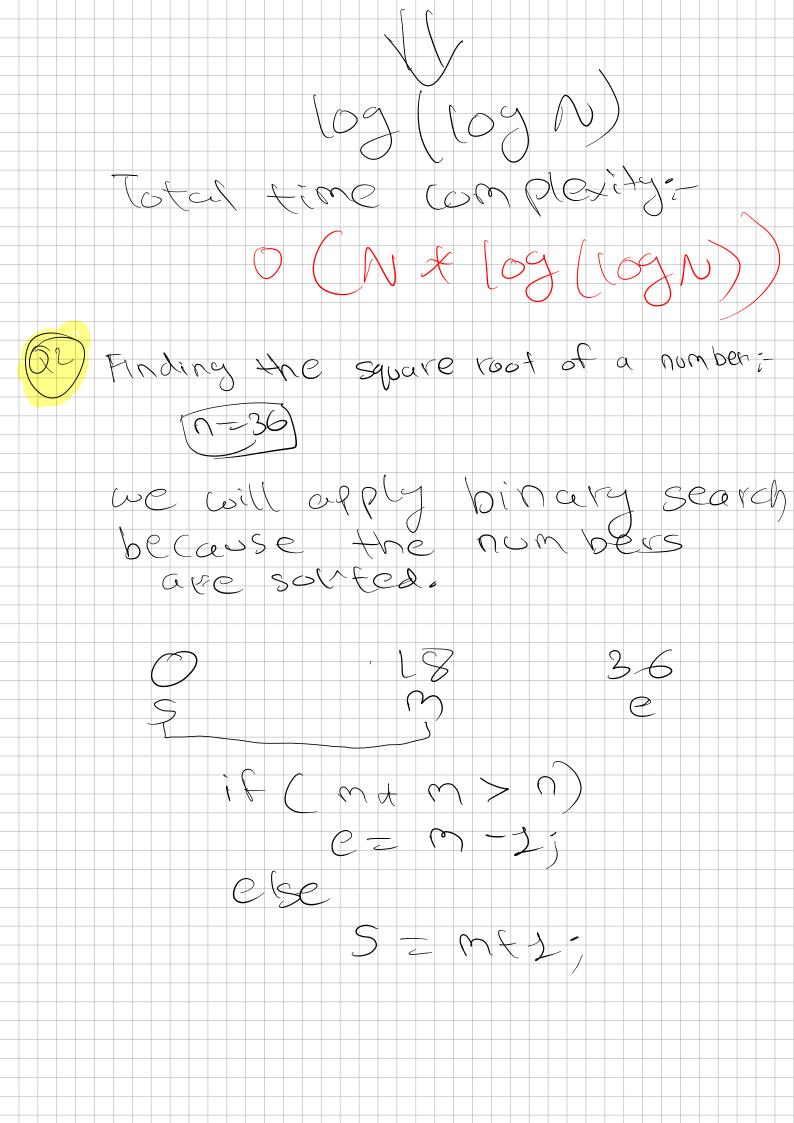
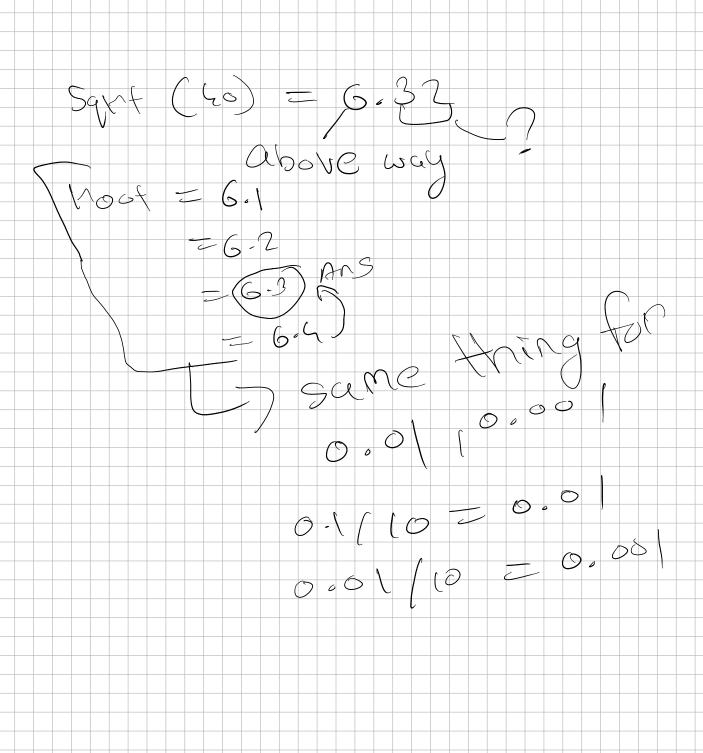
Maths Lecture OSA Prime Nosi-(Number that is divisible by 1 and itself is a prime number 2,3,5,7,13, To find 13 it 12,3,4,5,6,2,8,3,00,11,12,13 from the above table check it any number is dividing is & the venander is zero. for (int = 21 1 4 n) 1 + 1) if (n.k == 0 not prime (pine) Another examples here on? mone ones Repenting for we nexs & 4 hence ignore Sax (n) 18 12 36 X2







Factors of a number 1 = 20 => 1,2 | 4 | 5 | 10 | 20 20% 1 => 20 × 1 = 20 2 20 d, 2 => 10 × 2 = 20 20 0/2 4 => 52 4 == 20 20 4, 5 5 4 x 5 = 20 20 10 7 2×0 = 20 20 10 20 21 × 20 = 20) (Depented) Moreties of modulo (-%): D(at D) = (a /m) + (6 /m) / m (a-b) % m = ((a % m) - (b % m) f m) % m $(a \times b) \sim m = ((a \sim m) \times (b \sim m)) \sim m$ (a) do m = ((a or o m) * (b - 1 do m)) do m

