Vinagak Pai ; 2nd sun; 190948603; C515 Uliogat foi 26.05, 2020

septiment of septiment of

nº 2 9-22 2n²
225 2 2 2 2 450
9 251

step 3: Initially winst implicits $|\phi\rangle = \frac{1}{\sqrt{256}} \frac{25}{4-0} |a\rangle |a\rangle$

560 4: Initialize record register

1017 - 1 355 107 17° (mod 15) 7

1017 - 1 355 000

102 1 25 102 112 112 122 142 132 132 142112 152 142 132 142 132 142 112 152 142 132

N= 15

Hence forted = 4

stop 5: chick n

x 1/2 mod n f-1

Factors and $(x^{N/2}+1) \mod 15$ N) = $(7^2+1) \mod 15$, 15) = (5.15) = 5 $(x^{N/2}-1) \mod 16$, N) $(x^{2}-1) \mod 15$, 15) = (3.15) = 3

. Factors are 5 and 3.