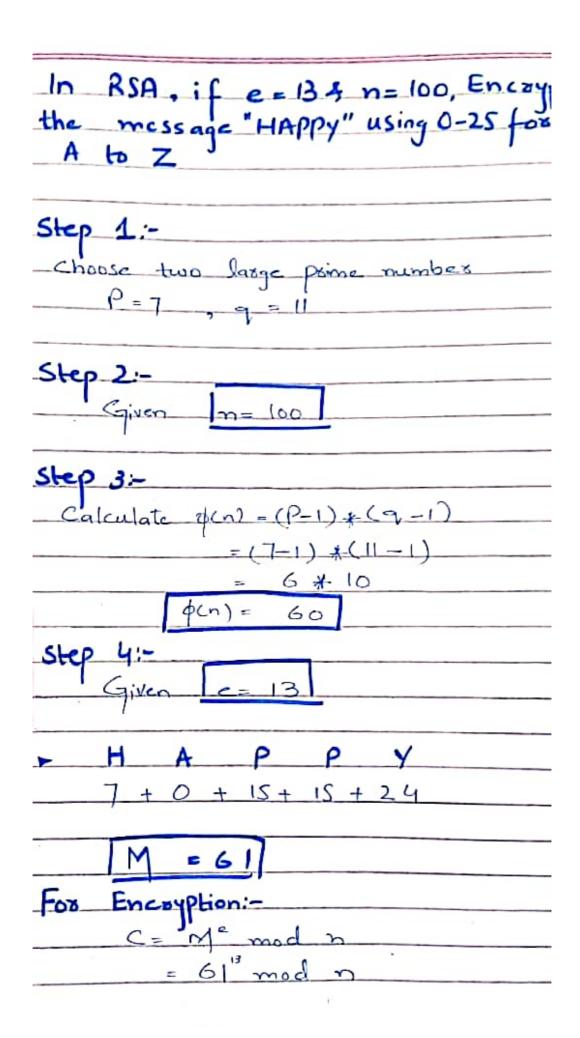


```
d= 1+1(20) = 21 = 2-37
d= 1+2 (2/0) => 4/ = 4.5
d= 1+4(20) =.
Public Key = {e, n} = {3,33}
Private key = jd,nj = [7,33]
Given M= 31
For Encryption:-
     C= Me mod n
  C = 313 mod 33
 31 mod 33 = 31
312 mod 33 = 4
          124 mod 33 = 25.
For Decryption:-
M = Cd mod 33
       = 25 mod 33
25 mod 33 = 25 252 mod 33 = 31
25" mod 33 = 4
     25 × 31 × 4 = 3100
    3100 mod 33 =
```



612 mod 100 = 21 61 mod 100=61 61 mod 100=41 618 mod 100=1.9170 61 x 41 x 21 x 1.9170 = 1.006865 C = 1.006865