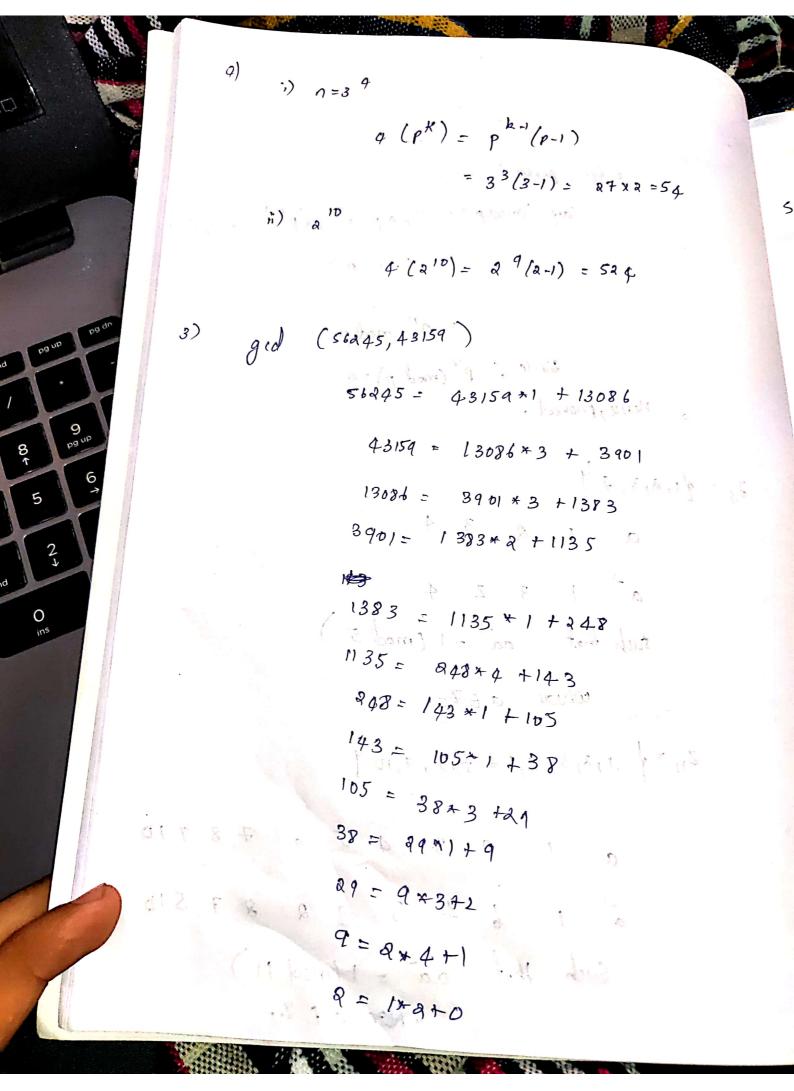
```
Assignment: 1
Port-A
  SOLUTION -
        a e Zp (given)
              (a+p) 2modp) = (16 a pn + 2, a pn-1 + 12, an)
          (mod p)
                       = an modp
               Since, py (mod p) =0
         Hence, proved.
a 2 /11 + 2 x 8 /8 1 4 - 10 P 8
        a 1 3 2 4 5 5 1 Such that aa = 1 (mod 5)
           where a 6 75
    Z11 = of 1,3,3,4,5,6,7,8,9,10 }
                 Q (3 4 5 6 7 8 9 10
           a
          a 1 6 4 3 9 8 8 7 5 10
           Such that aa = 1 (mod !1)
                       where a £ 211
```



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