```
(alcolate god)
                               a=24 - 1, 2, 3, 4, 6, 8, 12 24
     gcd (a,b) }
                               b=36→1,2,3,4,6,9 (12),18,36
        while ( 6 ! = 0) {
                               temp= 36
            temp=b;
            b = 0% b
                                      a % b = 36)24 (0
            a = temp
        ruturn a
                                 temp = 236
                                     a%b = 2936(1
     O(log min(AID))
                                        ·. b=212
                                           a = 36
    ged (a, b)?
                                  temp=12
        if (b==0)}
          netunnai
                        9686121
       neturn (b, a%)
                                         Faturen a=12
 ged of multiple integens (array):
static int god of Array (int[]annay) &
       intrusult = ann(0);
    fon (Inti=1, ix ann length; i++)}
          result: result gcd (result, anneil);
```

raturn resulti