Lenear scarch (Recountry) of include & stdio.b> 15/4/21 int necsearch (int arres, int l. int a. int a) BCXCl> return - 1; 4 (aur[1] = = x) return l; if ( arres) = = 2) return &; return recsearch (ast, 1+1, 9-1, a); re took . I to t int main () int x; int asr[] = {12, 34, 54, 2,36, 7; that n = size of (cour) / size of (alg coj); paint (" entor the element | n") i Scanf ("2d", 40c); int index= neesearch (arr, 0, n=1, x) i If (index! =1) and in the little parintp ("element yd is present at endea", d. parent p (" element &d is not present", x); of long to will be the may of return O i ( my bright

```
BINARYSEMA
   # include Lstdio. h>
    int bs (entary, entl. enta, int a)
    int mid = (11)/2 ;
     it (1>n) return -1i
    Y (a[mid] = = = ) return mid;
  ib ( a[mid] z x)
    return bs (a, mid+1, 2(2)
    else
    return bs (a, l, mid-1, a)
 int main (rold)
 ent alio];
Ent len, pos, search-item;
paintly (" enter lingth of arraylo")
scary (" "d", slen);
printf (" enter anaey elements In
                          for (the i=0 i icles i itt)
Scanf ("/d", 40[:]);
painty ("enta the element to rearch (")
 stary ("2d", snach Hern);
 pos = b6 (a, o, len-1, seauch_item);
 if (posco)
 Printy (" can't find n");
IK
einty ("positnof 2d in the array is 25d n", search
roturn o'
```

int ged (znta, znth)

if (a = = d) return b;

neturn ged (b//a, a)

int main ()

int o, b;

print; (" enter value of a, b(n");

scanf ("/d "/d", 4a, fb);

print (" Gco (//d, //d) = //d", o, b, ged(a, b);

return o;

?.