```
Eged Cextonded Endidean Also rith
Robben: (on pale d= scd (a, b)
   and u, v & Z st. d= ua+vb.
int x scd (int a, int b, int & u, int&v) {
        3 (6==0) 7;
            V = \frac{1}{0}; // Scd(a,b) = \alpha = 1.40b
            voturn a;
        int a, v;
int d = xgcd(b, 28b, a, v);
       // d = bu + (asb) V and d = scd(a,b).
#1f O
     a= 96+r, (9 = 0/6, r= 086 in C++)
     \Gamma = \alpha - \gamma b.
                        intoger division !!
         = bū + r v (So (a/b) xb aight not)
= bū + (a-qb) v (So (a/b) xb aight not)
be == a.
   Su, d = bu + r V
          = av + b(a-zv)
# end if
      u= で;
V= なー(か)で;
      return d;
```

Power Set: Comparte all subsets of a set. Say 5 = {0,12} P(5) = {(1), {0}, {1}, {2}, {0,1}, {0,2}, {1,2}, {0,1,2}} How might recursion help??

Note: HES -> P(H) CP(S)