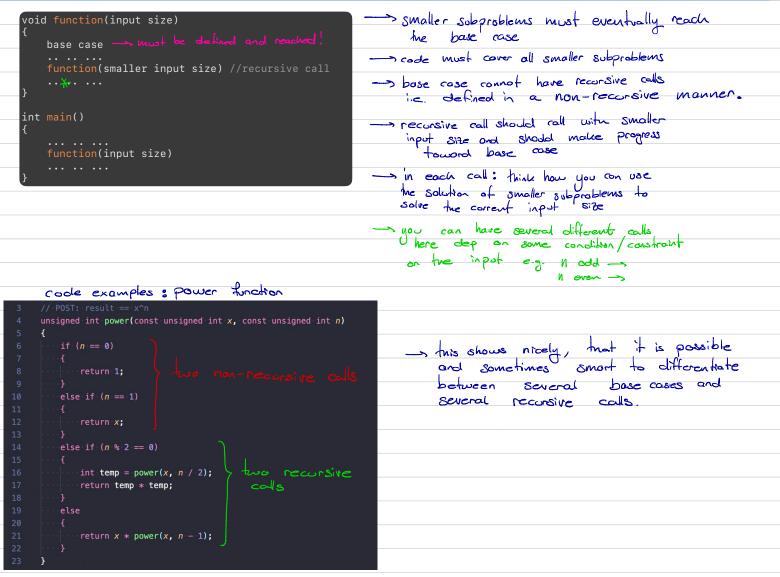
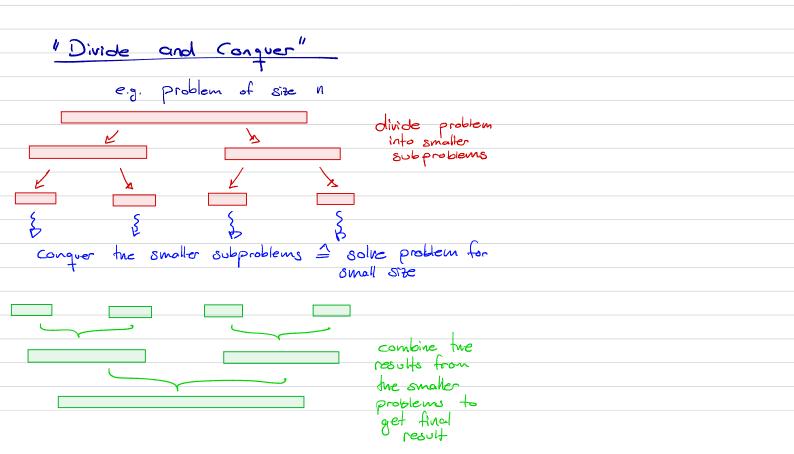
Rekursion





```
#include<iostream>
```

```
(all pS(5): "== cout 5 return nt partial = 5+10 = 15
unsigned int partial_sum(const unsigned int n) {
 if (n == 0)
                                                               cont^{5} = = 0^{2} no
   return 0;
  else {
                                                                 sps(4) n=4 Routy return A+ partial = 4+6=10)
   // print descending
   // std::cout << n << std::endl;</pre>
                                                                coup 4 4==0 ? NO
   unsigned int partial = partial_sum(n - 1);
                                                                (aut 3 proved a return n+ portion = 3+3 - 6
   // print ascending
   std::cout << n << std::endl;</pre>
   return n + partial;
                                                                   4 ps (2) M22 return 1+ partial = 2+1
                                                                                                             = 3
 }
}
                                                                (out 2 P
                                                                   L3 ps(1) -
                                                                                  > cout 1 return nt partial
, which is 1+0 i.e. 1-
int main() {
 std::cout << "n = ";</pre>
                                                                 cout 1 ( return (parkal=) o
 unsigned int n;
 std::cin >> n;
                                                                    nps(o):
 std::cout << partial_sum(n) << std::endl;</pre>
                                                                        0==0? yes BASE
 return 0; P^{S}(\tau)
}
```