

```
1  public class Math
2  {
3      public static double pow(double b, int e)
4      {
5          if(e==0)
6          {
7              return 1;
8          }
9          return b*pow(b,e-1);
10     }
11
12     public static int fact(int num)
13     {
14         if(num==0)
15         {
16             return 1;
17         }
18         return num*fact(num-1);
19     }
20
21     public static int fib(int num)
22     {
23         if(num==0 || num==1)
24         {
25             return 1;
26         }
27         return fib(num-1)+fib(num-2);
28     }
29
30     public static int combo(int n, int r)
31     {
32         if(n==r || r==0)
33         {
34             return 1;
35         }
36         return combo(n-1,r)+combo(n-1,r-1);
37     }
38 }
```