

```
-| fun power_gen m =  
    let fun f n x = if n = 0 then <1> else <~x * ~(f (n-1) x)>  
        in <let fun power x = ~(f m <x>) in power end> end;  
val power_gen = fn    : int -> <int -> int>  
  
-| val power_code = power_gen 3;
```