Vom	n: Note: / 10	
Prén	nom:	
	ercice 1 nsidère la fonction mystere suivante en C :	
int	<pre>mystere(int n){ assert (n>1); int candidat = 2; while (n%candidat !=0) { candidat = candidat+1;} return candidat;}</pre>	
1.	Donner la valeur renvoyée par mystere(42)	
2.	Proposer une spécification aussi précise que possible pour cette fonction	
3.	Prouver la terminaison de cette fonction.	
4.	Ecrire une version récursive de cette fonction en OCaml.	

```
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then 0
let rec f n =
if n=1 then
```
