

## Corrigé type

### Exercice 1

- 1-  $23=10111$  ;  $13=1101$
- 2-  $1111=15$  ;  $110011=51$

### Exercice 2-1 (4pts)

```
program exo21;
var u0,u1,u,i ,n:integer ;
begin
readln(n);
u0:=1 ;
u1:=1 ;
for i:=2 to n do
begin
u:=u1+u0 ;
u0:=u1 ;
u1:=u ;
end ;
```

### exercice 2-2(3pts)

```
program exo22;
var u : array[0..100] of integer;
i,n :integer;
begin
u[0]:=1 ;
u[1]:=1;
readln(n);
```

```
for i :=2 to n do
    u[i]:= u[i-1]+u[i-2];

writeln(u[n]);
readln;
end.

writeln(u);
readln;
end.
```

### Exercice 3 :7pts

```
program exo3;
type tab= array[1..10] of integer;
var
    i,n:integer; h:tab;
function occur(t:tab; e:integer):integer;
var m:integer;
begin
    m:=0;
    for i:=1 to 10 do
        if (t[i]= e) then
            m:=m+1;
        occur:=m;
    end;
begin
    writeln('entrez le tableau:');
    for i:=1 to 10 do
```

```
readln(h[i]);
```

```
writeln('entrez l"élément:');
```

```
readln(n);
```

```
writeln('le nombre d"ocurrence de',n,'dans le tableau est', occur(h,n));
```

```
readln;
```

```
end.
```