Suite Thue-Morse en Pascal

```pascal
Program thue_morse;

uses wincrt;

var ch: string;N:byte;j,i,l:integer;c1:char;

begin

repeat

write ('Donner un entier superieur à 1 :');

readln(N);

until( N>0);

repeat

write(' saisir 0 ou 1 :');

readln(c1);

until (c1 in ['0' ,'1']);

ch:=ch+c1;

for i:=1 to N do

begin

j:=1;

l:=length(ch);

repeat

if (ch[j]='0') then

begin

delete(ch,j,1);

insert('01',ch,j);

end

else

begin

delete(ch,j,1);

insert('10',ch,j);

end;
```

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```
j:=j+2;

until(length(ch)=2*l);

end;

write (ch);

end.
```

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