

7

```
const secret:string = 'AREGRRRCENATMMIHN.IANUUUIKULLAOV'  
  + 'TT.TTALSSI.RPESANIUTTYNUZKCIVAONOCE.';  
var a:array [0..1000] of integer;  
    n, p, i, j, c: integer;  
begin  
    n := length(secret);  
    for i:=0 to n-1 do begin  
        a[i] := 0;  
        p := 0;  
        repeat  
            c := 1;  
            j := 1;  
            while j<=i do begin  
                c := c + a[j];  
                a[j] := c mod 2;  
                c := c div 2;  
                j := j+1;  
            end;  
            p := p+1;  
            if p>n then p := p-n;  
        until c=1;  
        write(secret[p]);  
    end;  
    writeln;  
end.
```