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program DCP222112010;
uses wincrt;
type
    enreg=record
        num_lign:string;
        sy:boolean;
        vo:boolean;
    end;
fenreg=file of enreg;
var
f1:fenreg; f:text; n:integer;
procedure creation(var f1:fenreg;var f:text);
begin
    assign(f,'c:\BAC2010\donnee.txt');
    assign(f1,'c:\BAC2010\resultat.dat');
    rewrite(f);
    rewrite(f1);
end;
procedure remplire(var f:text;n:integer);
var
i:integer; ch:string;
begin
for i:=1 to n do
begin
writeln('donnee votre texte');
readln(ch);
writeln(f,ch);
end;
close(f);
end;
procedure cree(var f:text;var f1:fenreg;n:integer);
var
i:integer; e:enreg; ch,ch_i:string;
begin
reset(f);
rewrite(f1);
for i:=1 to n do
begin
readln(f,ch);
str(i,ch_i);
e.num_lign:=('ligne '+ch_i);
if ch[1]=ch[length(ch)] then
begin
e.sy:=true
end;
if ch[1]<>ch[length(ch)] then
begin
e.sy:=(1=2);
end;

if (ch[1] in ['a','e','i','o','u','y']) then

    e.vo:=true
    else
    e.vo:=false;
write(f1,e);
end;
close(f);

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end;
procedure affichage(var f:fenreg;n:integer);
var
i:integer; e:enreg;
begin
reset(f);
for i:=1 to n do
begin
read(f,e);
with e do
begin
writeln(num_lign,'      ','sy','      ','vo);
end;
end;
end;
{****Programme Principal****}
begin
repeat
writeln('donnee le nombre de ligne');
readln(n);
until n>2;
creation(f1,f);
remplire(f,n);
cree(f,f1,n);
affichage(f1,n);
end.
```