program Matrica;

{$APPTYPE CONSOLE}

uses

SysUtils;

var

i,j,n,k :Byte;

m :array [1..100,1..100] of integer;

a :array [1..10] of integer;

begin

{Ввод начальных данных}

Repeat

n:=0;

WriteLn('Enter the dimension of the matrix');

ReadLn(n);

Until n>=1;

WriteLn('Enter the value of variables a[1..10] ');

For i:=1 to 10 do ReadLn(a[i]);

For i:=1 to n do For j:=1 to n do

Begin

WriteLn('Enter the elements of the matrix m[',i,',',j,']');

ReadLn(m[i,j]);

End;

For i:=1 to n do For j:=1 to n do

If ((i+j) Mod 2=0) Then

For k:=1 to 10 do if m[i,j]=a[k] Then m[i,j]:=0;

For i:=1 to n do

Begin

WriteLn;

For j:=1 to n do Write(' ',m[i,j]);

end;

ReadLn;

end.