

```
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```

```
Program Virus;
```

```
Uses
```

```
  Crt;
```

```
Const
```

```
  MaxN=10; //padsorok és padok soronkénti maximális száma
```

```
Type
```

```
  TVektor=Array [1..MaxN] of Integer;
```

```
  TMatrix=Array [1..MaxN] of TVektor;
```

```
Var
```

```
  sorDb, padDb: Integer;
```

```
  virusosak: TMatrix;
```

```
  virusosDb: TVektor;
```

```
  osszVirusosDb: Integer;
```

```
Function Osszeg(Const n: Integer; Const t: TVektor): Integer;
```

```
  Var
```

```
    i, s: Integer;
```

```
Begin
```

```
  s:=0;
```

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

```
    Begin
```

```
      Inc(s, t[i]);
```

```
    End;
```

```
  Osszeg:=s;
```

```
End;
```

```
Procedure Belovas;
```

```
  Var
```

```
    i, j: Integer;
```

```
Begin
```

```
  Repeat
```

```
    Write('Padsorok szama:'); {$i-}Readln(sorDb); {$i+}
```

```
  Until (IOResult=0) {szintaktikusan hibátlan} and
```

```
    (sorDb>0) and (sorDb<=MaxN) {szemantikusan hibátlan};
```

```
  Repeat
```

```
    Write('Padok szama soronkent:'); {$i-}Readln(padDb); {$i+}
```

```
  Until (IOResult=0) {szintaktikusan hibátlan} and
```

```
    (padDb>0) and (padDb<=MaxN) {szemantikusan hibátlan};
```

```
  For i:=1 to sorDb do
```

```
    Begin
```

```
      For j:=1 to padDb do
```

```
        Begin
```

```
          Repeat
```

```
            Write('(' , i , ', ' , j , ') : '); {$i-}Readln(virusosak[i, j]); {$i+}
```

```
          Until (IOResult=0) {szintaktikusan hibátlan} and
```

```
            (virusosak[i, j] in [0..1]) {szemantikusan hibátlan};
```

```
        End;
```

```
      End;
```

```
    End;
```

```
Procedure Megszamlal;
```

```
  Var
```

```
    i: Integer;
```

```
Begin
```

```
  For i:=1 to sorDb do
```

```
    Begin
```

```

        VirusosDb[i]:=Osszeg(padDb,Virusosak[i]);
    End;
    osszVirusosDb:=Osszeg(sorDb,VirusosDb);
End;

Procedure Kiir;
Var
    i:Integer;
Begin
    For i:=1 to sorDb do
        Begin
            Writeln(i,'. sor: ',VirusosDb[i]);
        End;
        Writeln('Osszesen: ',osszVirusosDb);
    End;

Begin
    ClrScr;
    Belovas;
    Megszamlal;
    Kiir;
    ReadKey;
End.

```