Cls

10 Rem program to calculate sum of two matrices

20 Print "\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"

30 Print " Program:- To calculate sum of two matrices"

40 Print "\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"

50 Print Date$; " and "; Time$

60 Print "SAHIL YADAV"

70 Print "2131239"

80 Print "\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"

90 Dim A(20, 20): Dim B(2, 2): Dim C(2, 2): Dim D(2, 2)

100 NC = 2

110 NR = 2

120 Print " Matrix A= "

130 For I = 1 To NR

140 For J = 1 To NC

141 Read A(I, J)

142 Print A(I, J);

150 Next J

160 Print

170 Next I

180 BC = 2

190 BR = 2

200 Print " Matrix B= "

210 For I = 1 To BR

220 For J = 1 To BC

221 Read B(I, J)

222 Print B(I, J);

230 Next J

240 Print

250 Next I

260 Print " Sum of matrices A and B is ="

270 For I = 1 To 2

280 For J = 1 To 2

281 C(I, J) = A(I, J) + B(I, J)

282 Print C(I, J);

290 Next J

291 Print

300 Next I

310 Print " Difference of matrices A and B is ="

320 For I = 1 To 2

330 For J = 1 To 2

331 D(I, J) = A(I, J) - B(I, J)

332 Print D(I, J);

340 Next J

351 Print

360 Next I

370 Data 1,2,2,1,3,1,3,1

380 End

