1.highest perfect square

PERFECT SQUARE()

max 🡨 0

a🡨input

FOR i🡨1 to i < a div 2

b🡨i\*i

IF (b<=a and b>max)

max🡨b

2. matrix

MULTIPLICATION(B,C)//B,C are matrix

FOR i🡨1 to n

FOR j🡨1 to n

FOR k🡨1 to n

A[i][j] 🡨A[i][j]+B[i][k]\*C[k][j];

RETURN A;

MULTIPLICATION(a,B)// a,is an integer, B is a matrix

FOR i🡨1 to n

FOR j🡨1 to n

B[i][j]=2\*B[i][j]

RETURN B;

ADDITION(B,C)

FOR i🡨1 to n

FOR j🡨1to n

A[i][j] 🡨B[i][j]+C[i][j]

RETURN A;

SUBTRACTION(B,C)

FOR i🡨1 to n

FOR j🡨1to n

A[i][j] 🡨B[i][j]-C[i][j]

RETURN A;