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INAP to perform matrix multiplication using
array.
   # include < stdio. h>
   int main () {
     int 2, 3, R;
     int s1, c1, 82, c2;
     print ( " enter 1 2 e1: "))
     scanf (" x d x d ", & + 1 , & c 1);
     int matrix [71] [C1];
        printf ("Enter matrix 1: \n");
     for (1=0; < 01; (++) }
           for cj=0; j< c1; j++) {
                  scanf (" xd", &matrix ( ci)(i));
         7
   print (" matrix 1: \m");
      for (i=0; i< +1.; i++) {
           for (j=0; j<c1; j+t) {
                   printf [" 1.4", matrix 1[i][i]);
 Aprinty ("Enter matrix 2: \n");
 11 for (l=0; l< 12; i++) {
 // for (j=0; j=c2; j++)
      prints (" Enter or and e2: ");
      scomf (" 1.d 1.d ", 252, 402);
  int matrix & [82] [c2];
      porinty ("Enter matrix 2: \n");
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for it=0; iz 72; i++) }
           for cj=0; j<02; j++){
              scanf ("Yd", Amatrix 2[(][j]);
    printf ("matrix 2 : (m")
         for (1:0; 12 72; c++)}
              for (j=0; j<02 jj++) {
                    printf (" "d", matrix & [i][i]);
                3 (brinth ( " /w ))
   で Ccs == でん) {
            int result [81][c2];
                for (1 =0; cx 71 ) (++){
                   for (j=0;j<02 ji+t) {
                       result [i][j] 20
    for ( i= 0; c< 01; i++) {
            for (120; 1<02; 1++) {
            tor (H=0; KCC1; K++) {
        result [i][j] = matrix [i][x] *matrix [k]
printf (" Result matrix: \m");
    for ( l=0; i2 81; (++) {
               for cj=0; j<c2 ; j++> 2
                     printf ("xd", result (i) [i]);
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bunt ( ( m m);
  else q
      printf (" matrix multiplication is
              not possible m"1;
   setion of
 3
DUTPUT !
 Enter #1 and c1: 2 2.
  Enter matrix 1 !
  matrix 1:
    1
    2
    3
    4
  matrix 1 !
    1 2
    3 4
   Enter 22 and C2 : 2 % 4. 1.
   Enter matrix 2!
   2.
   matrix 2
    2
   Resultant matrix:
    11 .
```