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Assignment (16)
(1) # include < c tolio . h >
   int main ()
        int a[3] [3]; b[3] [3];
        printf("enter elemen +");
        for (in+ (=0; i<3; i++)
         4 for (int)=0; ] <3; ]++)
                scap (" o/od", & a [ [] []);
        prints ("enter matrix for second \n");
        for lint (=0; ix3; i++)
        or (int ]=0; ] <3 i ]++)
              scanf("0/0d", & b[i)[]),
        prints ("add of two matrix 1");
        for ( = 0; ( < B; (++)
         2 for (J=0; J<3; J++)
                 ("olod"; ali, [1] + P[i] [1]);
             Jorin# ("\n");
```

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It include Litaio. h 6
Int main()
    intr.c, c, c, J, K, alle
    printf ("Enter row");
    scanf ("olod", 27);
    prints ("Enter calamn");
    Scanf ("opd", &c);
    print ("enter first worth");
    for (l=0; i< r; i++)
        for [=0; ] < (; ]++)
             scanf ("0/0d", &a[1)[j]);
    printf("enter second matrix \");
    for(%=0; i(x;i++)
         for []=0; ]<(; ]++)
               scant ("/od", 8 b[i)[]);
   prints ("multiply of matrix");
   for (8=0; (2x) (++)
      for (J=0; J<1; )++)
           mulcist) =0;
              for ( K = 0 , K < C ; K++)
```

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mul(6)(1)+=a(0)(k)+6(K)[7];
    printf ("print multiply");
    ものでしょう。 こくてらじゃけつ
        for (7=0; J(c; 7++)
              printf (" /od It", mulij[];
          printf("(n");
3# include < stdio. h}
   Int main ()
          int a[3][3], j., T;
          printf (" enter a number")
          second of
           for (i=0; i(3; i++)
              for (J=0; 7<3; J++)
                          sconfl'dod'galis[i]);
           boints ("prints matrix ");
for ((°=0; ic3; i++)
                  for (J=0; J < 3; J++)
                           print ("0,00d", Qa[3](b]);
                    printf (10");
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printf("transpose matrix");
 for((=0; (<3; i++)
       for (J=0; J(3; J++)
              prointf ("o/od", a[][i]);
   returno;
It include < 17dio, h}
int main ()
    int a [3] [3], sum 20
    printf ("Enter value for mouthix");
     for (int (=0; ix n; i++)
         for (int 1=0; J2h; J++)
                   scanf ( o/od, sa [i) [i]);
    print ("print matrix In").
    for (int i=0; ixn; i++)
```

for (J=0; J < n; J++) ([[[][i]a] + [bo/9]); for (in+ (=0; i(n; i++) 2 for (in+] = 0;] < n;] ++) J (?+J == 03-01) sum + = acij(j); printf ("Right diagonal add= 1/hd", surs);
return of It include < stdioing int main () } Int a[3](3], sum = 0; printf ("enter value for matrix"); for (int (=0; icn; i+1) 2 for (Int J=0; J<n; J++) scant ("o/od", & a [i][]);

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point ( point matrix")
  for (int (= 0; icn; i++)
      for (int j=0; Jen; j++)
          mintf("clod 1t", a [i][]);
   for lint (=0; (Ln; (++)
        for (int J=0; J<n; J++)
         f(\hat{c}==J)
sumt=a[i][i];
     prints ("left diagonal = olod", sum);
     returno;
@ # include (stdio. h)
   int main ()
    in+ n, m, i, J, sum 20;
        print ("enter matrix order");
         scanf ("o/odo/od", &h, &m);
```

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int amora [m][h];
positif ("Enter watrix")?
for(2=0; icm; i++)
 2 for (J=0; J<n; J++)
          scant ("o/od", gazintis);
 for (i=0; icm; i++)
       for (7=0; 7<n; 1++)
         sum+ = aris();
        printf ["sum of yod row is god his is sum).
        min To:
 for (J=0; J(n; J++)
 < for(i=0; 1(m; 1++)
            sum = sum + 9 (i) [i];
       printf ("sum of olad column is olad (n", j, suo).
       sum=0;
  return o;
```

DI include 2 stdio. h > int main () int n, i, J, m; printf ("Enter the order for matrix"); scoinf ("e/o d o/od', gn, em); int arrchisem]; prints ("Enter matrix number"); for ((= 0; i < h; i++) for (j=0; Jin; J++) scanf (6/0d, gamei) [7]); printf("lawer tringle moutrix"); for (600; (2n; (++) 1 for (7=0; 72n; 0++) ([=4]) H belse printf ("o/od" arr (UDI);

printf (""); redum o;

include < stdio. by int main () int n, i,]; print ("Enter a namper")? scarpf ("/od", gn); int arm [n][n]; brintl("Enter wathix namper"); for (i=0; icn; i++) 2 for (J=0; J(n;)++) scanf ("olad', gars [i)[]); printl("appea teinfalou waterx"). for (i'zo; icn; i+) 2 for (]=0; Kn;]++) 开((<=J) Journ't (() () () () ()). else print("o"); printf("(n"); returno;

(a) # include 25+du'o. h} int main () d in+ c, J, m, n; printf("enter atorder of matrix"); scanf ("o/ode/od", &m, &n), Int arm [m][n]; print ("enter the matrix element"); for (120; icn; 1++) for (J=0; J<n;)++) scanf ("cod", garr [i][j] for (=0; (<n; (++) 1 for (J=0; J2n; 7++) o= f [[1]] {=0} prints ("rowis ofod and colum
is tool and sport value (1) 1/od (n', "[, j arr[i][]); return o;

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10 Hinclude 2stolio. hb
  int main ()
      in+n, m, i, J, max;
       printf ("Enter order of matrix");
      scanf ("1/0d 1/0d", &n, &m);
       int arreight;
      · prints ("enter array element");
        for (2=0; icm; i++)
        1 for (J=0; J<n; J++)
                  scanf ("olod", garr (i) []);
         for (i=0; icm; i++)
             for (J=0; J(n; J++)
                  max = arr[0][0];
                  I (i==0)
                   f I (max carreli);
                           ; [E] cigmp = muz
          print ( maximum num = o/od in" sum).
```