GE23131 - Programming Using C

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C

C

Two-Dimensional and Multi-Dimensional Arrays

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Program: Add Alternate Elements of e-D acreay
Hinclude
          2 stdio. 4>
int mains
   (CE) [E] rever this
   for (int i=0; i<3; i++)

for (int j=0; j=3; j++)
     Scarf (" d.d", laver [i][j]);
   3
int odd = 0, even = 0;
1:0; ic1; i++)
      { for cint j=0; j < s; j+1)
          if ((i+j)1.2 !=0)
            pold t= over [i][j];
          else
           even += and [i][j];
    recint (" opedin of od") even, odd).
                Sample Output
25
20
Sauple input
123456789
```

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peint (" reldir,
             wealthy randlored
Program: The
# include cstdio 4>
int mains
  int i,j, n, x1, x2, y1, y2, t=0; sample input long long total=0; int any [1001] [1001] = f03; sample output scanf(":1.od", 2n);
  while (n--)
    sauf (" old 10d 11d 11d 11d", ext, &
 & x2, &42, & t);
   for (i= XI; i <= x 2; i++)
   f for (j = y1; j < = y2; j++)
        if (and CiJCj] = 0)
         and [i][i]+=t;
       else if cara tilly >0)
          and [i][j] = (-1) * (and [i][j] +t];
       else if Caron [i][j] =0)
agen [i][j] ==tj
for (i=1; 1 < 1001; 1++)
for (j=1; j<1001; j++)
  if (avalisty) < 0)

3 blast = and listy;
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4)

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0

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Program: Paciously Interview
                                      sample input
# in clude estatio.h >
stewet data
 int gen; int tal;
                                      Sample Output 7 3 2 15 6
int mains)
  int ni
  stang (" of.d", en);
   Steenet data a [n];
   for Cint i= 0; iz n-1; i++)
     for (int j=0; j < n-1; ++j)
      if (ali]. tal calj+1].tal)
       { stemet data temp=a[j];
       a[j] = a [j+1];
     3 acj + 1] = temp;
   for (int i=0; i=n; i++)
   ? if (a[i].gen == 0)
       point [" yed", ali]. fall;
   for (int is O; i an ; +ti)
   fif (aci) gen == 1)
 pounts ("-1-d", a [i] tal);
```