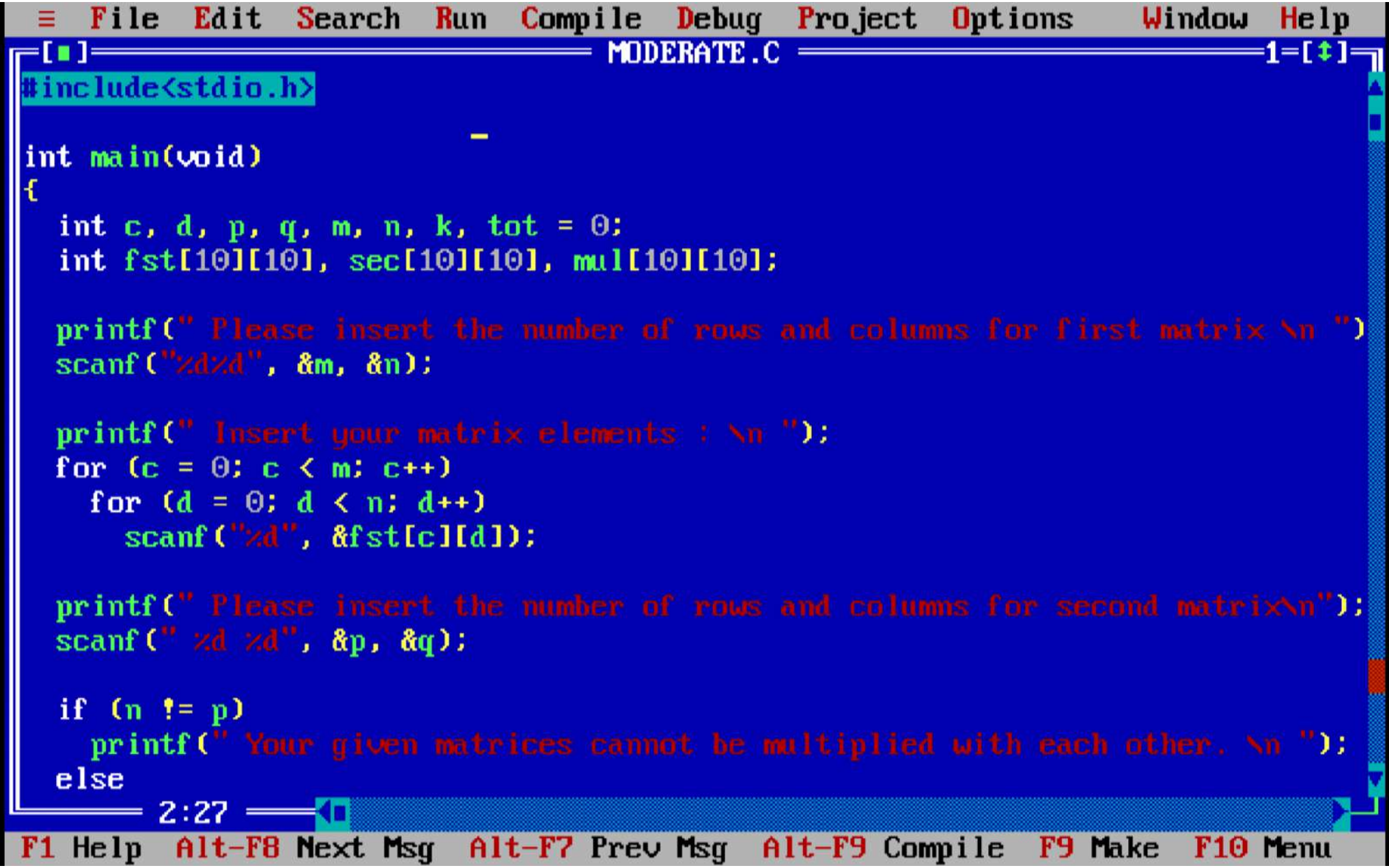
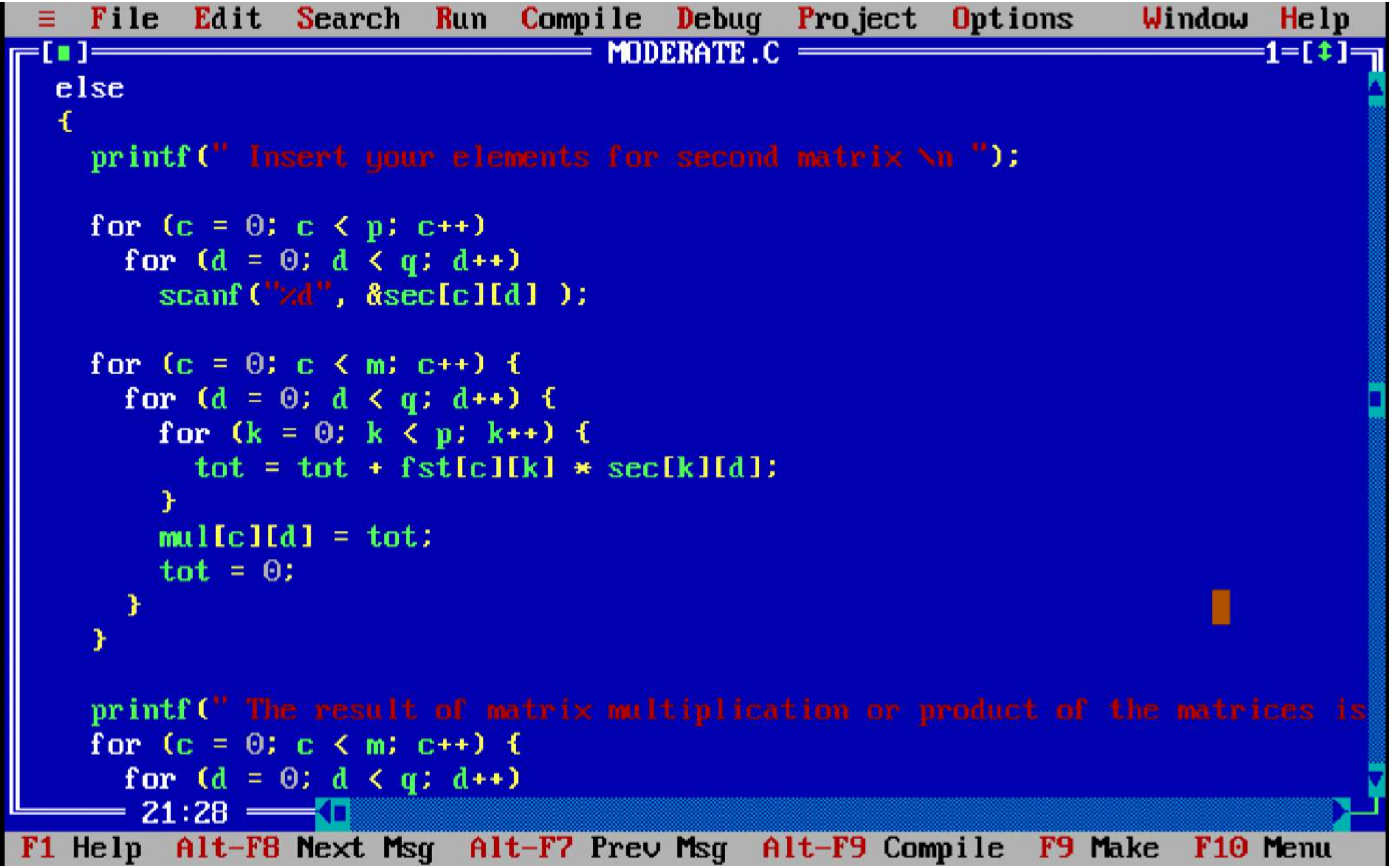
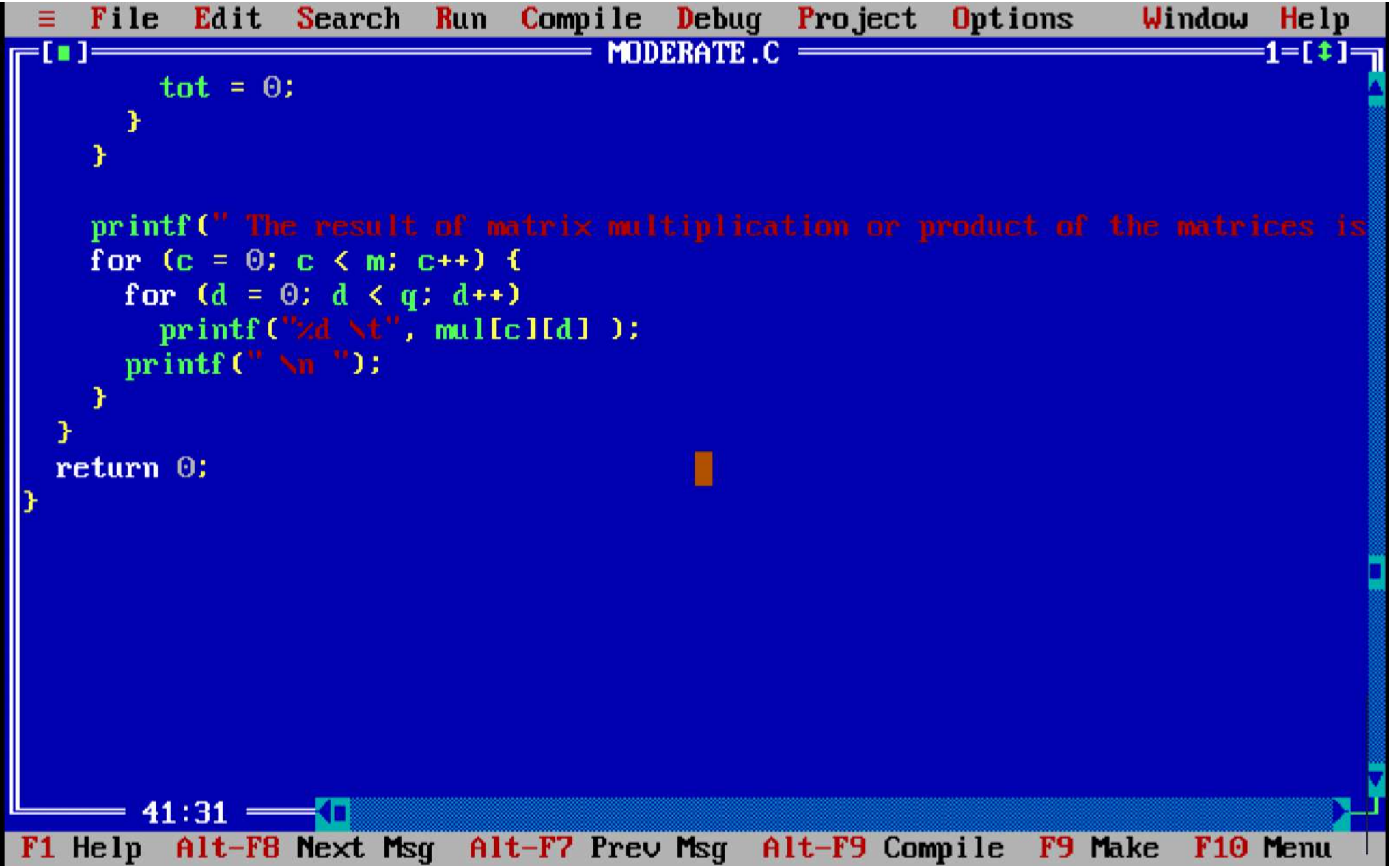

File Edit Search Run Compile Debug Project Options Window Help
MODERATE.C
#include<stdio.h>
int main(void)
{
int c, d, p, q, m, n, k, tot = 0;
int fst[10][10], sec[10][10], mul[10][10];
printf(" Please insert the number of rows and columns for first matrix \n ")
scanf("%d%d", &m, &n);
printf(" Insert your matrix elements : \n ");
for (c = 0; c < m; c++)
for (d = 0; d < n; d++)
scanf("%d", &fst[c][d]);
printf(" Please insert the number of rows and columns for second matrix\n");
scanf(" %d %d", &p, &q);
if (n != p)
printf(" Your given matrices cannot be multiplied with each other. \n ");
else
2:27
F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compile F9 Make F10 Menu


File Edit Search Run Compile Debug Project Options Window Help
MODERATE.C
else
{
printf(" Insert your elements for second matrix \n ");
for (c = 0; c < p; c++)
for (d = 0; d < q; d++)
scanf("%d", &sec[c][d]);
for (c = 0; c < m; c++) {
for (d = 0; d < q; d++) {
for (k = 0; k < p; k++) {
tot = tot + fst[c][k] * sec[k][d];
}
mul[c][d] = tot;
tot = 0;
}
}
printf(" The result of matrix multiplication or product of the matrices is
for (c = 0; c < m; c++) {
for (d = 0; d < q; d++)
21:28
F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compile F9 Make F10 Menu


File Edit Search Run Compile Debug Project Options Window Help
MODERATE.C
tot = 0;
}
}
printf(" The result of matrix multiplication or product of the matrices is
for (c = 0; c < m; c++) {
for (d = 0; d < q; d++)
printf("%d \t", mul[c][d]);
printf(" \n ");
}
}
return 0;
}
41:31
F1 Help Alt-F8 Next Msg Alt-F7 Prev Msg Alt-F9 Compile F9 Make F10 Menu

```
C:\TURBOC3\BIN>TC
 Please insert the number of rows and columns for first matrix
 2 2
 Insert your matrix elements :
 1 2
 5 3
 Please insert the number of rows and columns for second matrix
2 2
 Insert your elements for second matrix
 2 3
4 1
 The result of matrix multiplication or product of the matrices is:
 10     5
 22     18
  Please insert the number of rows and columns for first matrix
```