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[■] MODE13.C 1=[0]

```
#include<stdio.h>
int main()
{
    int i,j,m,n;
    float a[10][10], sum=0.0, avg;
    printf("Enter row and column size:\n");
    scanf("%d%d", &m, &n);
    printf("Enter matrix elements:\n");
    for(i=0;i< m;i++)
    {
        for(j=0;j< n;j++)
        {
            printf("a[%d][%d]= ", i, j);
            scanf("%f", &a[i][j]);
        }
    }
    for(i=0;i< m;i++)
    {
        for(j=0;j< n;j++)
        {
            sum = sum + a[i][j];

```

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[■] MODE13.C

1-[■]

```
{
for(j=0;j< n;j++)
{
printf("a[%d][%d]=",i,j);
scanf("%f", &a[i][j]);
}
}
for(i=0;i< m;i++)
{
for(j=0;j< n;j++)
{
sum = sum + a[i][j];
}
}

avg = sum/(m*n);
printf("Sum = %.2f\n", sum);
printf("Average = %.2f", avg);
return 0;
}
```

30:11

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```
C:\TURBOC3\BIN>TC
```

```
Enter row and column size:
```

```
3
```

```
3
```

```
Enter matrix elements:
```

```
a[0][0]=1
```

```
a[0][1]=2
```

```
a[0][2]=3
```

```
a[1][0]=4
```

```
a[1][1]=5
```

```
a[1][2]=6
```

```
a[2][0]=7
```

```
a[2][1]=8
```

```
a[2][2]=9
```

```
Sum = 45.00
```

```
Average = 5.00Enter row and column size:
```