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1  int[,] arr = new int [3,3];
2  for (int i = 0; i < 3; i++)
3  {
4      for (int j = 0; j < 3; j++)
5      {
6          Console.WriteLine($"Enter Element[{i}, {j}]: ");
7          arr[i, j] = Convert.ToInt32(Console.ReadLine());
8      }
9      Console.WriteLine();
10 }
11 double sum = 0;
12 double count = 0;
13 for (int k = 0; k < 3; k++)
14 {
15     for(int l = 0; l < 3; l++)
16     {
17         sum += arr[k, l];
18         count++;
19     }
20 }
21
22 double average = sum / count;
23 Console.WriteLine($"Average of matrix is: {average}");

```

```

Enter Element[0, 0]: 1
Enter Element[0, 1]: 2
Enter Element[0, 2]: 3

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Enter Element[1, 0]: 4
Enter Element[1, 1]: 5
Enter Element[1, 2]: 6

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Enter Element[2, 0]: 7
Enter Element[2, 1]: 8
Enter Element[2, 2]: 9

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Average of matrix is: 5

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