

```
1  #include <iostream>
2  #include <time.h>
3  #include<iomanip>
4  using namespace std;
5
6  int Random(int From, int To)
7  {
8      int randNum = rand() % (To - From + 1) + From;
9      return randNum;
10 }
11
12 void PrintTheMatrix(int Matrix[3][3], short Columns, short Rows)
13 {
14     for (short i = 0; i < Rows; i++)
15     {
16         for (short j = 0; j < Columns; j++)
17         {
18             cout << setw(3) << Matrix[i][j] << " ";
19         }
20         cout << endl;
21     }
22 }
23
24
25 void FillMatrixArrayWithRandomNumbers(int Matrix[3][3], short Columns,
    short Rows)
26 {
27     for (short i = 0; i < Rows; i++)
28     {
29         for (short j = 0; j < Columns; j++)
30         {
31             Matrix[i][j]=Random(1,100);
32         }
33     }
34 }
35 int main()
36 {
37     srand((unsigned)time(NULL));
38     int Matrix[3][3];
39     FillMatrixArrayWithRandomNumbers(Matrix, 3, 3);
40
41     cout << "The follwoing is a 3x3 Matrix :\n";
42     PrintTheMatrix(Matrix, 3, 3);
43
44 }
```