PF LAB ASSIGMENT

ROLL NO:232481

NAME: DUAA DARA

CLASS ASSIGNMENT:

```
#include<lostream>
using namespace std;
const int col = 4;

| Evoid populate(int a[][col], int row){
| srand(time(0));
| For (int i = 0; i < row; i++) {
| a[i][j] = rand() % 100 + 1;
| a[i][j] = rand(j % 100 + 1
```

```
⊡int main(){
     const int row = 5;
     int avgStudent[row] = { 0 };
     int students[row][col];
     populate(students, row);
     display(students, row);
     studentAverage(students, row, avgStudent);
     cout << "\n Average of each student"<<endl;</pre>
      for(int i=0;i<row;i++){</pre>
          cout << "\n student # " << i + 1 << "average:" << avgStudent[i] << endl;</pre>
       int classaverage = 0;
      for (int i = 0; i < row; i++) {
          classaverage += avgStudent[i];
      classaverage /= row;
      cout << "\n Average of the class" << classaverage << endl;</pre>
      return 0;
```

```
students # 1 quiz # 1 : 68

students # 1 quiz # 2 : 90

students # 1 quiz # 3 : 52

students # 1 quiz # 4 : 75

students # 2 quiz # 1 : 30

students # 2 quiz # 2 : 3

students # 2 quiz # 3 : 91

students # 2 quiz # 4 : 90

students # 3 quiz # 4 : 90

students # 3 quiz # 1 : 12

students # 3 quiz # 2 : 58

students # 3 quiz # 3 : 1

students # 3 quiz # 4 : 7

students # 4 quiz # 1 : 68

students # 4 quiz # 1 : 68

students # 4 quiz # 3 : 81
```

```
students # 4 quiz # 1 : 68
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students # 4 quiz # 2 : 3

students # 4 quiz # 3 : 81

students # 4 quiz # 4 : 54

students # 5 quiz # 1 : 9

students # 5 quiz # 2 : 84

students # 5 quiz # 3 : 26

students # 5 quiz # 4 : 20

Average of each student

student # 1average:71

student # 2average:53

student # 3average:19

student # 4average:51

student # 5average:34

Average of the class45