Marwadi University	Marwadi University	
	Faculty of Technology	
	Department of Information and Communication Technology	
Sem: 5	Name :Pushti Depani	
Day : 2	Date: 19/10/2022	Enrollment No: 92000133018

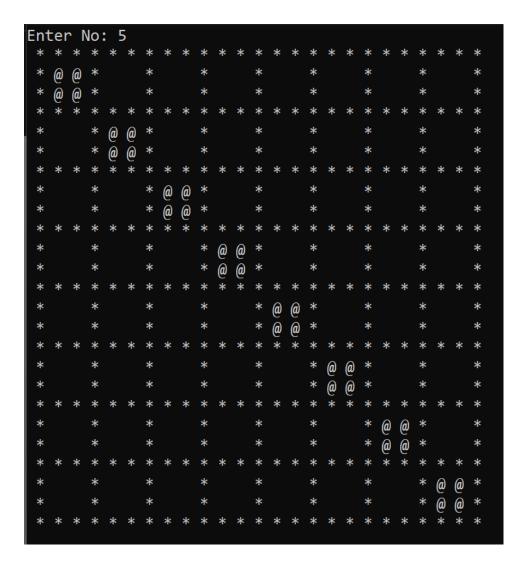
CP Club 365Days Challenge

Date – 19/10/2022 <u>Programming language</u> – C++

Problem Statement

Print the following pattern in the language of your preference.

Input (Get from the user)





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Your Code:

```
#include <iostream>
using namespace std;
int main()
     int n,r,c;
     cout << " Input number of rows: ";</pre>
  cin >> n;
     for(r=0;r<n*n;r++){
           for(c=0;c<n*n;c++){
                 if(r % 3==0 | | c % 3==0){
                       cout<<" * ";
                 else if(r==c | | r==c-1 | | c==r-1)
                       cout<<" @ ";
                 else{
                       cout<<" ";
                 }
           cout<<"\n";
     return 0;
```

Output (Screen Shot):



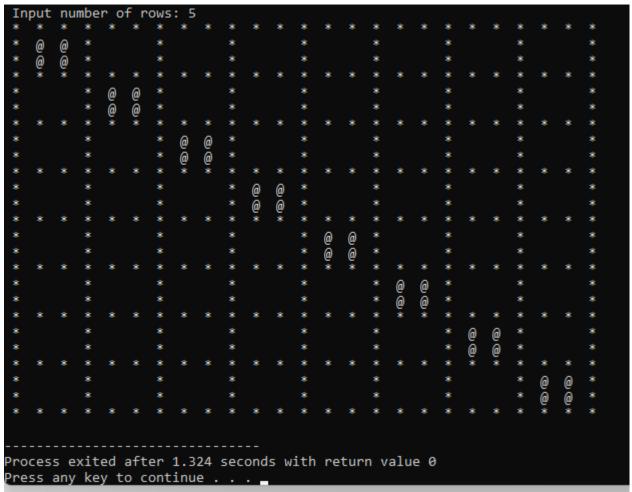
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Understanding about problem:

From this experiment I have learned about how to create simple pattern using for and if condition. Moreover Pattern programs gives the working of looping structures in general purpose programming languages. Its helps user to visualize how every iteration in a loop works.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

ALL THE BEST

Team CP Club