

 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
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Your Code:

```
#include <iostream>
using namespace std;

int main()
{
    int n,r,c;
    cout << " Input number of rows: ";
    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):

