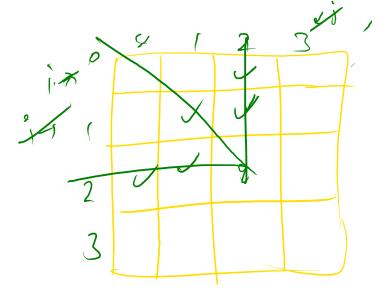


N queen



```
public static boolean IsQueenSafe(boolean[][] chess, int row
t col) {
    // write your code here

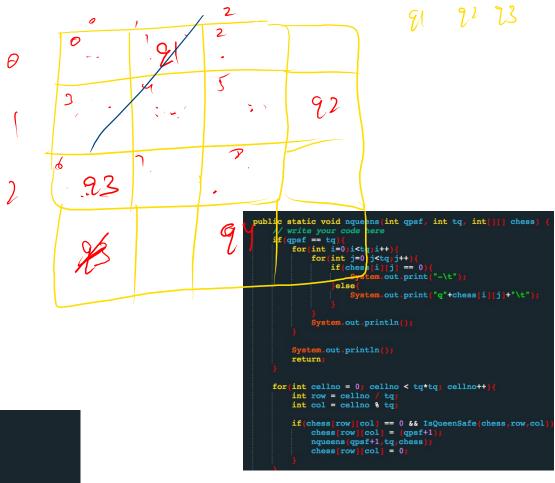
    for(int j = col-1;j>=0;j--){
        if(chess[row][j] == true){
            return false;
        }
    }

    for(int i = row-1;i>=0;i--){
        if(chess[i][col] == true){
            return false;
        }
    }

    for(int i = row-1,j = col-1;i>=0 && j>=0;i--,j--){
        if(chess[i][j] == true){
            return false;
        }
    }

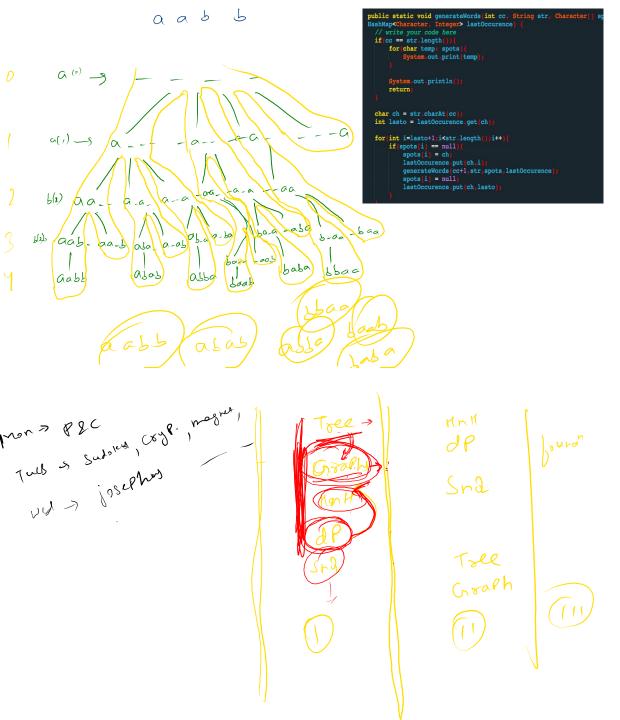
    for(int i=row-1,j=col+1;i>=0&&j<=chess.length;i--,j++){
        if(chess[i][j] == true){
            return false;
        }
    }
}</pre>
```

M-dread be-



```
for(int j =0;j<n;j++){
    if(chess;row][j] != 0){
        return false;
    }
}
for(int i=0;i<n;i++){
    if(chess[i][col] != 0){
        return false;
    }
}
for(int i =row-1,j=col-1;i>=0&&j>=0;i--,j--){
    if(chess[i][j] != 0){
        return false;
    }
}
for(int i =row+1,j=col+1;i<n&&j<n;i++,j++){
    if(chess[i][j] != 0){
        return false;
    }
}
for(int i =row-1,j=col+1;i>=0&&j<n;i--,j++){
    if(chess[i][j] != 0){
        return false;
    }
}
for(int i =row+1,j=col-1;i<n&&j>=0;i++,j--){
    if(chess[i][j] != 0){
        return false;
    }
}
return true;
```

```
form want of
                                                                                                      public static void generateWords(int cs, int ts, HashMap<Character
tteger> fmap, String asf) {
   // write your code here
                                                                                                         if(cs == ts + 1){
                                                                                                              System.out.println(asf);
return;
                                                                       6 --
                                                                                                        for (char ch : fmap.keySet()){}
    if(fmap.get ch >0){
        fmap.put(ch,fmap.get(ch)-1);
        generateWords(cs+1.ts.fmap.asf + ch);
        fmap.put(ch,fmap.get(ch)+1);
}
                                                                                  36-
                          aa_-
                                                                  ba-
                                                                                                bba_
                                                        666
                                            aba_
                                                                                                                         book bboo abbo abbo
                                                                                                 6600
                                                                                   2005
                                                                                  (aa 66
```



		•