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1dsa
//Q1
#include<iostream>
using namespace std;
int main(){
        for(int i=1;i<=6;i++){
                if(i==1 | | i==6){
                        for(int j=1;j<=5;j++){
                                cout<<"* ";
                        }
                        cout<<"\n";
                }
                else{
                        for(int j=1;j<=5;j++){
                                if(j==1 | |j==5){
                                        cout<<"* ";
                               }
                                else{
                                        cout<<" ";
                                }
                        }
                        cout<<"\n";
                }
        }
        return 0;
}
//Q2
#include<iostream>
using namespace std;
int main(){
        int a=1;
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for(int i=1;i<=4;i++){
                for(int j=1;j<=i;j++){
                        cout<<a<<" ";
                        a++;
                }
                cout<<"\n";
        }
        return 0;
}
//Q3
#include<iostream>
using namespace std;
int main(){
        for(int i=1;i<=4;i++){
                for(int j=1;j<=4-i;j++){
                        cout<<" ";
                }
                for(int j=1;j<=i;j++)\{
                        if(j==1 | | j==i){
                                 cout<<"1 ";
                        }
                        else{
                                 cout<<i-1<<" ";
                        }
                }
                cout<<"\n";
        }
        return 0;
}
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//Q4
#include<iostream>
using namespace std;
int main(){
        for(int i=1;i<=5;i++){
               char ch='A';
               for(int j=1;j<=i;j++){
                       cout<<ch<<" ";
                        ch++;
               }
               cout<<"\n";
       }
       return 0;
}
//Q5
#include<iostream>
using namespace std;
int main(){
        int k=0;
       for(int i=1;i<=5;i++){
                //spaces
               for(int j=1;j<=5-i;j++){
                       cout<<" ";
                }
                for(int j=1;j<=i+k;j++){
                       //cout<<j<<" ";
                       cout<<"* ";
               }
                k++;
                cout<<"\n";
       }
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return 0;
}
//Q6
#include<iostream>
using namespace std;
int main(){
        int k=0;
        for(int i=1;i<=5;i++){
                for(int j=1;j<=5-i;j++){
                        cout<<" ";
                }
                for(int j=1;j <= i+k;j++){
                        cout<<j<<" ";
                }
                cout<<"\n";
                k++;
        }
        return 0;
}
//Q7
#include<iostream>
using namespace std;
int main(){
        int k=0;
        for(int i=1;i<=5;i++){
                for(int j=1;j<=5-i;j++){
                        cout<<" ";
                }
                char ch ='A';
                for(int j=1;j<=i+k;j++){
```