import java.util.\*;

public class sim

{

public static void main(String ar[]){

//Scanner sc=new Scanner(System.in);

int n=5;

int num=0;

for(int i=0;i<n;i++){

System.out.print(n+" ");

for(int j=0;j<n;j++){

if(i==j)

System.out.print(n+" ");

else

if(i==j+1)

System.out.print(n-1+" ");

}

System.out.println("\n");

}

}

}