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Java Lab Evaluation 1:

Even:

**Problem 1:**

**Program:**

import java.util.Scanner;

public class Pattern{

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

System.out.println("Please enter the input Number: ");

int n = s.nextInt();

for(int i = 0; i <= n\*2 ; i++){

if(i%2 != 0){

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

System.out.print(" \*");

}

System.out.println();

}

}

}

}

**Problem 2:**

**Program:**

import java.util.Scanner;

public class TwoDAdd{

public static void main(String[] args) {

Scanner s = new Scanner(System.in);

System.out.print("Please input the order of matrix: ");

int n = s.nextInt();

int matrix1[][] = new int[n][n];

int matrix2[][] = new int[n][n];

int x=0,y=0;

System.out.println("Please input Matrix 1: ");

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

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

System.out.print("Please input value for row = "+ (i+1) + " " + ", Column = "+ (j+1) + " :");

matrix1[i][j] = s.nextInt();

}

}

System.out.println("Please input Matrix 2: ");

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

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

System.out.print("Please input value for row = "+ (i+1) + " " + ", Column = "+ (j+1) + " :");

matrix2[i][j] = s.nextInt();

}

}

System.out.println("Required Output is: ");

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

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

if(j == 0 ){

x += matrix1[i][j];

y += matrix2[i][j];

}

}

}

System.out.print(x + y);

System.out.println();

}

}