

## Problem 8

Import java.util.Scanner;

public class Problem8 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter an integer: ");

        int number = sc.nextInt();

        System.out.println((number & 1) == 0 ? "even"; "odd");

        sc.close();

}

## Problem 2

Import java.util.Scanner;

public class Problem2 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter String Ducky count: ");

        while (true) {

            int n = sc.nextInt();

            if (n <= 0) System.out.println("This isn't count");

            else { String[] DucksUppB = { "(", ")", "[", "]", "{", "}" };

                String[] DucksLppB = { ")", "(", "]", "[", "}", "{" };

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

System.out.println("uchsAppB [" + i + "% DurchlappB. Lese")

{

System.out.println();

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

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

sc.close(); break;

{

{

{

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Problem 3.

```
import java.util.Scanner;
```

```
public class Problem3 {
```

```
public static void main(String[] args) {
```

Scanner sc = new Scanner(System.in);

System.out.print("Enter Thym h");

```
int n = sc.nextInt();
```

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

```
for (int j = 1; j <= i; j++) System.out.print("#");
```

```
for (int j = 2 * n - i; j >= i + 1; j--) System.out.print("#");
```

```
for (int j = 1; j <= i; j++) System.out.print("#");
```

System.out.println();

```

for (int i = 1; i <= n - 1; i++) System.out.print("||");
for (int i = 1; i <= 2 * (i + 1); i++) System.out.print("||");
for (int i = 1; i <= n - 1; i++) System.out.print("||");
System.out.println();
}

```

SC..Close();

Problem 4.

```

import java.util.Scanner;
public class Problem4 {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter a sentence ");
        String sentence = sc.nextLine();
        char [] chararray = sentence.toCharArray();
        int left = 0;
        int right = chararray.length - 1;
        while (left < right) {
            temp = chararray[left];
            chararray[left] = chararray[right];
            chararray[right] = temp;
            left++;
            right--;
        }
        System.out.println(chararray);
        sc.close();
    }
}

```

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Proller &

import java.util.Scanner;

public class Proller & {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter an A40 ID:");

        String input = sc.nextLine();

        if (input.charAt(0) == 'S') System.out.println("Robo-c")

        else { boolean answer = true;

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

                if (!Character.isLetter(input.charAt(i))) {

                    answer = false; break; }

            for (int i = 2; i < 9; i++) {

                if (!Character.isDigit(input.charAt(i))) {

                    answer = false; break; }

}

        if (answer) System.out.println(true)

        else System.out.println(false)

} sc.close();

Epilog

## Prullen 6

import java.util.Scanner;

public class Prullen6 {

    public static void main (String [] args) {

        Scanner sc = new Scanner (System.in);

        System.out.print ("Enter an integer value: ");

        int value = sc.nextInt();

        sc.close();

        System.out.print ("Process of two that make up New:  
        for (int i=0; i<32; i++) {

            if ((value & (1<<i))) != 0 {

                System.out.print (1<<i));

                System.out.print (" "));

}

}

>