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Main.java

Run

```java
public class HollowSquarePattern {
    public static void main(String[] args) {
        int rows = 5;

        for (int i = 1; i <= rows; i++) {
            for (int j = 1; j <= rows; j++) {
                if (i == 1 || i == rows || j == 1 || j == rows) {
                    System.out.print("* ");
                } else {
                    System.out.print("  ");
                }
            }
            System.out.println();
        }
    }
}

```

Output

Clear

```
java -cp /tmp/X2cvBVmtl7/HollowSquarePattern
* * * * *
*       *
*       *
*       *
* * * * *

=== Code Execution Successful ===
```

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Main.java

Run

```java
public class NumberPattern {
    public static void main(String[] args) {
        int rows = 4;

        for (int i = 1; i <= rows; i++) {
            for (int j = 1; j <= i; j++) {
                System.out.print(i + " ");
            }
            System.out.println();
        }
    }
}
```

Output

Clear

```
java -cp /tmp/tJR4YxLYgu/NumberPattern
1
2 2
3 3 3
4 4 4 4

=== Code Execution Successful ===
```

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Main.java

Run

```java
public class NumberPattern {
    public static void main(String[] args) {
        int rows = 4;
        int num = 1;

        for (int i = 1; i <= rows; i++) {
            for (int j = 1; j <= i; j++) {
                System.out.print(num*num + " ");
                num++;
            }
            System.out.println();
        }
    }
}
```

Output

Clear

```
java -cp /tmp/OEMOpv4una/NumberPattern
1
4 9
16 25 36
49 64 81 100

=== Code Execution Successful ===
```

Search

ENG
IN

12:09
13-07-2024

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Main.java

Run

```java
public class NumberPattern {
    public static void main(String[] args) {
        int n = 4;

        for (int i = 1; i <= n; i++) {
            for (int j = 1; j <= i; j++) {
                System.out.print(i + " ");
            }
            System.out.println();
        }

        for (int i = n - 1; i >= 1; i--) {
            for (int j = 1; j <= i; j++) {
                System.out.print(i + " ");
            }
            System.out.println();
        }
    }
}
```

Output

Clear

```
java -cp /tmp/81N5nXo2iR/NumberPattern
1
2 2
3 3 3
4 4 4 4
3 3 3
2 2
1

=== Code Execution Successful ===
```

Search

ENG
IN

12:10
13-07-2024

Main.java

Run

```java
public class HollowSquareDollarPattern {
    public static void main(String[] args) {
        int rows = 5;

        for (int i = 1; i <= rows; i++) {
            for (int j = 1; j <= rows; j++) {
                if (i == 1 || i == rows || j == 1 || j == rows) {
                    System.out.print("$ ");
                } else {
                    System.out.print("  ");
                }
            }
            System.out.println();
        }
    }
}
```

Output

Clear

```
java -cp /tmp/CWeAPd1P8e/HollowSquareDollarPattern
$ $ $ $ $
$       $
$       $
$       $
$ $ $ $ $

=== Code Execution Successful ===
```

Main.java

Run

```java
public class InvertedPyramidPattern {
    public static void main(String[] args) {
        int rows = 3;
        for (int i = 0; i < rows; i++) {
            for (int j = 0; j < i; j++) {
                System.out.print(" ");
            }
            for (int k = 0; k < 2 * (rows - i) - 1; k++) {
                System.out.print("*");
            }
            System.out.println();
        }
    }
}

```

Output

Clear

```
java -cp /tmp/YY384UNkTq/InvertedPyramidPattern
*****
 ***
  *

=== Code Execution Successful ===
```

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Main.java

Run

```java
import java.util.Scanner;

public class ReverseNumber {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter a number to reverse: ");
        int number = scanner.nextInt();
        int reversedNumber = 0;

        while(number != 0) {
            int digit = number % 10;
            reversedNumber = reversedNumber * 10 + digit;
            number /= 10;
        }

        System.out.println("Reverse Number: " + reversedNumber);
    }
}
```

Output

Clear

```
java -cp /tmp/I1EUbFEZVo/ReverseNumber
Enter a number to reverse: 14567
Reverse Number: 76541

=== Code Execution Successful ===
```

Olympic Games
In 13 days

Search

ENG
IN

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Main.java

Run

```java
import java.util.Scanner;

public class DecimalToBinary {
    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        System.out.print("Enter a decimal number: ");
        int decimal = input.nextInt();

        String binary = Integer.toBinaryString(decimal);
        System.out.println("Binary equivalent: " + binary);

        StringBuilder reverseBinary = new StringBuilder(binary).reverse();
        System.out.println("Reverse of the binary: " + reverseBinary);

        input.close();
    }
}
```

Output

Clear

```
java -cp /tmp/yeq8bpLa89/DecimalToBinary
Enter a decimal number: 11
Binary equivalent: 1011
Reverse of the binary: 1101

=== Code Execution Successful ===
```

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Main.java

Run

```java
import java.util.Scanner;

public class VoterEligibility {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter your age: ");
        int age = scanner.nextInt();

        if (age >= 18) {
            System.out.println("You are eligible to vote!");
        } else {
            int yearsLeft = 18 - age;
            System.out.println("You are not eligible to vote. You need to wait
                for " + yearsLeft + " more years.");
        }
        scanner.close();
    }
}
```

Output

Clear

```
java -cp /tmp/FU5NPoNvOT/VoterEligibility
Enter your age: 7
You are not eligible to vote. You need to wait for 11 more years.

=== Code Execution Successful ===
```