

SQL Online IDE | MySQL :: Download | Download history | Valedictory function | PL SQL Basics Lab Ex | Install the Apache W | 42pwcvdruz - Oracle P

onestopcompiler.com/plsql/42pwcvdruz

OneCompiler

queries.sql 42pwcvdruz

NEW PLSQL RUN ▶

```
1 DECLARE
2     num1      NUMBER := 10;
3     num2      NUMBER := 5;
4     sum       NUMBER;
5     difference NUMBER;
6     product   NUMBER;
7     quotient  NUMBER;
8
9 BEGIN
10
11     sum      := num1 + num2;
12     difference := num1 - num2;
13     product   := num1 * num2;
14
15     IF num2 != 0 THEN
16         quotient := num1 / num2;
17     ELSE
18         quotient := NULL;
19     END IF;
20
21     DBMS_OUTPUT.PUT_LINE('Number 1: ' || num1);
22     DBMS_OUTPUT.PUT_LINE('Number 2: ' || num2);
23     DBMS_OUTPUT.PUT_LINE('Sum: ' || sum);
24     DBMS_OUTPUT.PUT_LINE('Difference: ' || difference);
25     DBMS_OUTPUT.PUT_LINE('Product: ' || product);
26     DBMS_OUTPUT.PUT_LINE('Quotient: ' || COALESCE(quotient, 'Undefined (Division by zero)' ));
27
28 END;
29 /
30
```

STDIN
Input for the program (Optional)

Output:
Number 1: 10
Number 2: 5
Sum: 15
Difference: 5
Product: 50
Quotient: 2

93°F Partly sunny

Search

13:56:40 22-08-2024 ENG IN

≡ </> OneCompiler

```
queries.sql 42pwcvdruz 🖊  
DECLARE  
    num1      NUMBER := 20;  
    num2      NUMBER := 15;  
    sum       NUMBER;  
    difference NUMBER;  
    product   NUMBER;  
    quotient  NUMBER;  
BEGIN  
    sum      := num1 + num2;  
    difference := num1 - num2;  
    product   := num1 * num2;  
  
    IF num2 != 0 THEN  
        quotient := num1 / num2;  
    ELSE  
        quotient := NULL;  
    END IF;  
  
    DBMS_OUTPUT.PUT_LINE('Number 1: ' || num1);  
    DBMS_OUTPUT.PUT_LINE('Number 2: ' || num2);  
    DBMS_OUTPUT.PUT_LINE('Sum: ' || sum);  
    DBMS_OUTPUT.PUT_LINE('Difference: ' || difference);  
    DBMS_OUTPUT.PUT_LINE('Product: ' || product);  
    DBMS_OUTPUT.PUT_LINE('Quotient: ' || COALESCE(quotient, 'Undefined (Division by zero)'));  
END;  
/
```

STDIN

Input for the program (Optional)

Output:

Number 1: 20

Number 2: 15

Sum: 35

Difference:

Product: 300

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queries.sql 42pwd5gme

NEW PLSQL ▾ RUN ▶ ⋮

```
1 DECLARE
2     num1 NUMBER := 10;
3     num2 NUMBER := 450;
4     num3 NUMBER := 15;
5     largest NUMBER;
6 BEGIN
7     IF num1 >= num2 AND num1 >= num3 THEN
8         largest := num1;
9     ELSIF num2 >= num1 AND num2 >= num3 THEN
10        largest := num2;
11    ELSE
12        largest := num3;
13    END IF;
14
15    -- Output the result
16    DBMS_OUTPUT.PUT_LINE('The largest number is: ' || largest);
17
18 END;
19 /
20
```

STDIN

Input for the program (Optional)

Output:

The largest number is: 450

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queries.sql 42pwd5gme

NEW PLSQL RUN ▶

```
1 DECLARE
2     num1 NUMBER := 10;
3     num2 NUMBER := 450;
4     num3 NUMBER := 15;
5     largest NUMBER;
6 BEGIN
7     IF num1 >= num2 AND num1 >= num3 THEN
8         largest := num1;
9     ELSIF num2 >= num1 AND num2 >= num3 THEN
10        largest := num2;
11    ELSE
12        largest := num3;
13    END IF;
14
15    -- Output the result
16    DBMS_OUTPUT.PUT_LINE('The largest number is: ' || largest);
17
18 END;
19 /
20
```

STDIN
Input for the program (Optional)

Output:
The largest number is: 450

93°F Partly sunny Search

14:08:10 22-08-2024 ENG IN

SQL Online IDE | MySQL :: Download | Download history | Valedictory function | PL SQL Basics Lab Exam | Install the Apache Web Server | 42pwfgbaq - Oracle | +

onecompiler.com/plsql/42pwfgbaq

OneCompiler

queries.sql 42pwfgbaq

NEW PLSQL RUN ▶

```
1 DECLARE
2     -- Declare a variable to hold the number 'n' and the sum
3     n NUMBER := 10; -- You can change this value to test with different numbers
4     sum_of_natural_numbers NUMBER;
5 BEGIN
6     -- Calculate the sum of the first 'n' natural numbers
7     sum_of_natural_numbers := (n * (n + 1)) / 2;
8
9     -- Output the result
10    DBMS_OUTPUT.PUT_LINE('The sum of the first ' || n || ' natural numbers is: ' || sum_of_natural_numbers);
11 END;
12 /
13 |
```

STDIN

Input for the program (Optional)

Output:

The sum of the first 10 natural numbers is: 55



93° Search

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OneCompiler

queries.sql 42pwfgbaq

NEW PLSQL RUN ▶

```
1 DECLARE
2     -- Declare a variable to hold the number 'n' and the sum
3     n NUMBER := 10; -- You can change this value to test with different numbers
4     sum_of_natural_numbers NUMBER;
5 BEGIN
6     -- Calculate the sum of the first 'n' natural numbers
7     sum_of_natural_numbers := (n * (n + 1)) / 2;
8
9     -- Output the result
10    DBMS_OUTPUT.PUT_LINE('The sum of the first ' || n || ' natural numbers is: ' || sum_of_natural_numbers);
11 END;
12 /
13 |
```

STDIN

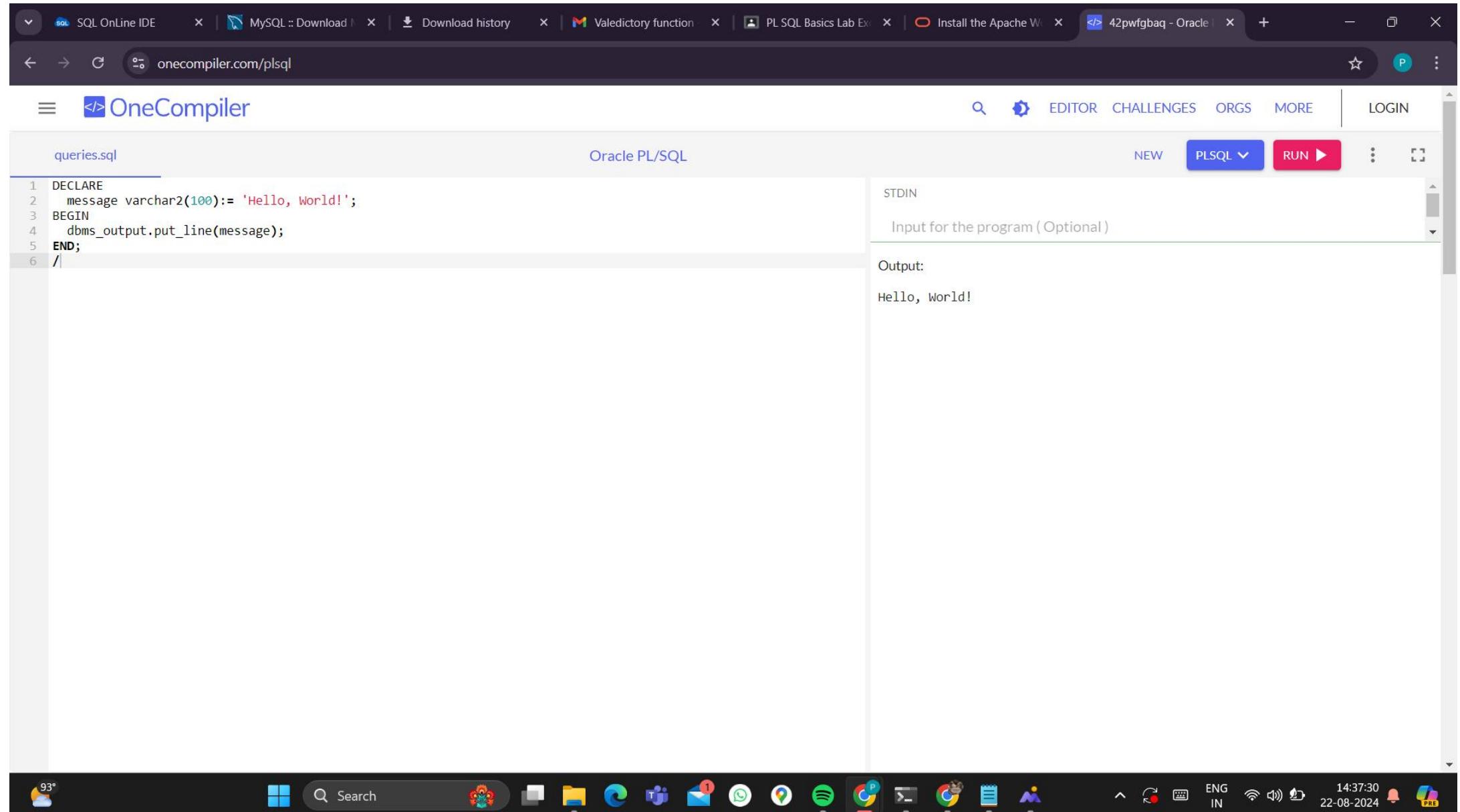
Input for the program (Optional)

Output:

The sum of the first 10 natural numbers is: 55



93° Search



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onecompiler.com/plsql/42pwfkenn

OneCompiler

queries.sql 42pwfkenn

NEW PLSQL RUN ▶

```
1 DECLARE
2   -- Declare variables to hold the number 'n', the factorial result, and a Loop counter
3   n NUMBER := 7; -- You can change this value to test with different numbers
4   factorial NUMBER := 1;
5   i NUMBER;
6 BEGIN
7   -- calculate the factorial of 'n'
8   FOR i IN 1..n LOOP
9     factorial := factorial * i;
10    END LOOP;
11
12   -- Output the result
13   DBMS_OUTPUT.PUT_LINE('The factorial of ' || n || ' is: ' || factorial);
14 END;
15 /
16
```

STDIN

Input for the program (Optional)

Output:

The factorial of 7 is: 5040



93° Search

14:38:08 22-08-2024 ENG IN

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OneCompiler

queries.sql 42pwfkenn

NEW PLSQL RUN ▶

```
1 DECLARE
2   -- Declare variables to hold the number 'n', the factorial result, and a Loop counter
3   n NUMBER := 7; -- You can change this value to test with different numbers
4   factorial NUMBER := 1;
5   i NUMBER;
6 BEGIN
7   -- calculate the factorial of 'n'
8   FOR i IN 1..n LOOP
9     factorial := factorial * i;
10    END LOOP;
11
12   -- Output the result
13   DBMS_OUTPUT.PUT_LINE('The factorial of ' || n || ' is: ' || factorial);
14 END;
15 /
16
```

STDIN

Input for the program (Optional)

Output:

The factorial of 7 is: 5040



93° Search

14:38:08 22-08-2024 ENG IN

```
import java.util.Scanner;

public class SalaryCalculator {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input hours worked per week
        System.out.print("Enter number of hours worked per week: ");
        double hoursWorked = scanner.nextDouble();

        // Input weekly wage
        System.out.print("Enter hourly wage: ");
        double hourlyWage = scanner.nextDouble();

        // Calculate total salary
        double totalSalary = hoursWorked * hourlyWage;

        // Display result
        System.out.println("Total Salary: $" + totalSalary);
    }
}
```

The system cannot find the path specified.

```
D:\>javac salarycalculator.java
salarycalculator.java:3: error: class SalaryCalculator is public, should be declared in a file named SalaryCalculator.java
public class SalaryCalculator {
^
1 error

D:\>javac salarycalculator.java
D:\>salarycalculator
'salarycalculator' is not recognized as an internal or external command,
operable program or batch file.

D:\>SalaryCalculator
'SalaryCalculator' is not recognized as an internal or external command,
operable program or batch file.

D:\>SalaryCalculator.java
D:\>SalaryCalculator.java
D:\>java SalaryCalculator
Enter hourly wage: 25
Enter number of hours worked per week: 23
Enter number of weeks worked: 7
Total Salary: $4025.00

D:\>
```

```
import java.util.Scanner;

public class SalaryCalculator {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input hours worked per week
        System.out.print("Enter number of hours worked per week: ");
        double hoursWorked = scanner.nextDouble();

        // Input weekly wage
        System.out.print("Enter hourly wage: ");
        double hourlyWage = scanner.nextDouble();

        // Calculate total salary
        double totalSalary = hoursWorked * hourlyWage;

        // Display result
        System.out.println("Total Salary: $" + totalSalary);
    }
}

The system cannot find the path specified.
D:\>javac salarycalculator.java
salarycalculator.java:3: error: class SalaryCalculator is public, should be declared in a file named SalaryCalculator.java
public class SalaryCalculator {
^
1 error
D:\>javac salarycalculator.java
D:\>salarycalculator
'salarycalculator' is not recognized as an internal or external command,
operable program or batch file.
D:\>SalaryCalculator
'SalaryCalculator' is not recognized as an internal or external command,
operable program or batch file.
D:\>SalaryCalculator.java
D:\>SalaryCalculator.java
D:\>java SalaryCalculator
Enter hourly wage: 25
Enter number of hours worked per week: 23
Enter number of weeks worked: 7
Total Salary: $4025.00
D:\>
```

```
policy r • | 5. Implk • | OpenC | phonepwd.tx | 1. effective cc | 1. effective cc | Q8C07: • | styles.css .txt | styles.css .txt | first.html | cpuz_re • | TestInheritance | SalaryCalculator | TicketCalculator X + - _ X
File Edit View
import java.util.Scanner;

public class TicketCalculator {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input hourly wage
        System.out.print("Enter hourly wage: ");
        String input = scanner.nextLine();
        double hourlyWage = Double.parseDouble(input);

        // Input number of hours worked per week
        System.out.print("Enter number of hours worked per week: ");
        int hoursWorkedPerWeek = scanner.nextInt();

        // Input number of weeks worked
        System.out.print("Enter number of weeks worked: ");
        int weeksWorked = scanner.nextInt();

        // Calculate total salary
        double totalSalary = hourlyWage * hoursWorkedPerWeek * weeksWorked;
        System.out.println("Total Salary: $" + totalSalary);

        // Display message
        System.out.println("Ticket Purchase Calculation");

        // Input ticket type
        System.out.print("Enter ticket type (Regular, VIP, Premium): ");
        String ticketType = scanner.nextLine();

        // Input number of tickets bought
        System.out.print("Enter number of tickets bought: ");
        int numberOfTickets = scanner.nextInt();

        // Calculate total cost
        double totalCost = calculateTotalCost(hourlyWage, ticketType, numberOfTickets);

        // Output total cost
        System.out.println("Total Cost: $" + totalCost);
    }

    private static double calculateTotalCost(double hourlyWage, String ticketType, int numberOfTickets) {
        double price;
        if (ticketType.equals("Regular")) {
            price = hourlyWage * 10;
        } else if (ticketType.equals("VIP")) {
            price = hourlyWage * 15;
        } else if (ticketType.equals("Premium")) {
            price = hourlyWage * 20;
        } else {
            price = hourlyWage * 25;
        }

        if (numberOfTickets > 10) {
            price *= 0.9;
        }

        return price;
    }
}

D:\>Administrator: Command Pro X + -
D:\>SalaryCalculator.java
D:\>SalaryCalculator.java
D:\>java SalaryCalculator
Enter hourly wage: 25
Enter number of hours worked per week: 23
Enter number of weeks worked: 7
Total Salary: $4025.00
D:\>java SalaryCalculator
Enter hourly wage:
D:\>javac TicketCalculator.java
D:\>java TicketCalculator
Enter ticket type (Regular, VIP, Premium): vip
Enter number of tickets bought: 8
Total Cost: $680.00
D:\>
D:\>
if (numberOfTickets > 10) {
```

Ln 66, Col 1 | 2,143 characters | 100% | Windows (CRLF) | UTF-8

Paper Mills Road
Closed road

Search

8:42:01 23-08-2024 ENG IN

```
import java.util.Scanner;

public class DigitFinder {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input
        System.out.print("Enter number of hours worked per week: ");
        int hoursWorked = scanner.nextInt();
        System.out.print("Enter number of weeks worked: ");
        int weeksWorked = scanner.nextInt();

        // Validation
        if (hoursWorked < 0 || weeksWorked < 0) {
            System.out.println("Invalid input. Please enter positive values.");
            return;
        }

        // Find largest digit
        int largeDigit = 0;
        int smallDigit = 9;
        int number = hoursWorked * weeksWorked;
        while (number > 0) {
            int digit = number % 10;
            if (digit > largeDigit) {
                largeDigit = digit;
            }
            if (digit < smallDigit) {
                smallDigit = digit;
            }
            number /= 10;
        }

        // Print results
        System.out.println("Total Salary: $" + calculateSalary(hoursWorked, weeksWorked));
        System.out.println("Largest Digit: " + largeDigit);
        System.out.println("Smallest Digit: " + smallDigit);
    }

    private static double calculateSalary(int hours, int weeks) {
        double salary = 0.0;
        if (hours > 40) {
            salary += (hours - 40) * 1.5;
        }
        salary += hours * 10;
        return salary * weeks;
    }
}

private static void printLargestDigit(int number) {
    int largestDigit = 0;
    while (number > 0) {
        int digit = number % 10;
        if (digit > largestDigit) {
            largestDigit = digit;
        }
        number /= 10;
    }
    System.out.println("Largest Digit: " + largestDigit);
}

private static void printSmallestDigit(int number) {
    int smallestDigit = 9;
    while (number > 0) {
        int digit = number % 10;
        if (digit < smallestDigit) {
            smallestDigit = digit;
        }
        number /= 10;
    }
    System.out.println("Smallest Digit: " + smallestDigit);
}
```

```
import java.util.Scanner;

public class DigitFinder {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input
        System.out.print("Enter number of hours worked per week: ");
        int hoursWorked = scanner.nextInt();
        System.out.print("Enter number of weeks worked: ");
        int weeksWorked = scanner.nextInt();

        // Validation
        if (hoursWorked < 0 || weeksWorked < 0) {
            System.out.println("Invalid input. Please enter positive values.");
            return;
        }

        // Find largest digit
        int largeDigit = 0;
        int smallDigit = 9;
        for (int i = 1; i <= weeksWorked; i++) {
            for (int j = 1; j <= hoursWorked; j++) {
                int digit = j % 10;
                if (digit > largeDigit) {
                    largeDigit = digit;
                }
                if (digit < smallDigit) {
                    smallDigit = digit;
                }
            }
        }

        // Print results
        System.out.println("Total Salary: $" + calculateSalary(hoursWorked, weeksWorked));
        System.out.println("Largest Digit: " + largeDigit);
        System.out.println("Smallest Digit: " + smallDigit);
    }

    private static int calculateSalary(int hours, int weeks) {
        int large = 0;
        int small = 9;
        for (int i = 1; i <= weeks; i++) {
            for (int j = 1; j <= hours; j++) {
                int digit = j % 10;
                if (digit > large) {
                    large = digit;
                }
                if (digit < small) {
                    small = digit;
                }
            }
        }
        int salary = (large * 10 + small) * hours * weeks;
        return salary;
    }
}

private static void printLargestDigit(int number) {
    int largestDigit = 0;
    while (number > 0) {
        int digit = number % 10;
        if (digit > largestDigit) {
            largestDigit = digit;
        }
        number /= 10;
    }
    System.out.println("Largest Digit: " + largestDigit);
}

private static void printSmallestDigit(int number) {
    int smallestDigit = 9;
    while (number > 0) {
        int digit = number % 10;
        if (digit < smallestDigit) {
            smallestDigit = digit;
        }
        number /= 10;
    }
    System.out.println("Smallest Digit: " + smallestDigit);
}
```

File Edit View

```
import java.util.Scanner;

public class ReversePyramidPattern {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input
        System.out.print("Input positive integer: ");
        int N = scanner.nextInt();

        // Validation
        if (N <= 0) {
            System.out.println("Error: Could not find or load main class AlterNatngTriangle");
            System.out.println("Caused by: java.lang.ClassNotFoundException: AlterNatngTriangle");
            return;
        }

        // Print
        for (int i = 1; i <= N; i++) {
            for (int j = 1; j <= i; j++) {
                System.out.print(j);
            }
            System.out.println();
        }

        D:\>javac ReversePyramidPattern.java
        D:\>java ReversePyramidPattern
        Input positive integer: 8
        1 2 3 4 5 6 7 8
        1 2 3 4 5 6 7
        1 2 3 4 5 6
        1 2 3 4 5
        1 2 3 4
        1 2 3
        1 2
        1

        D:\>
```

Ln 27, Col 1 | 702 characters | 100% | Windows (CRLF) | UTF-8

29°C Partly sunny

Search

cpuz_r TestInheritar SalaryCalculator TicketCalculator DigitFinder.java AlternatingTriangle.java ReversePyramidPattern.java

08:52:55 23-08-2024 ENG IN

File Edit View

```
import java.util.Scanner;

public class ReversePyramidPattern {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input
        System.out.print("Input positive integer: ");
        int N = scanner.nextInt();

        // Validation
        if (N <= 0) {
            System.out.println("Error: Could not find or load main class AlterNatngTriangle");
            System.out.println("Caused by: java.lang.ClassNotFoundException: AlterNatngTriangle");
            return;
        }

        // Print
        for (int i = 1; i <= N; i++) {
            for (int j = 1; j <= i; j++) {
                System.out.print(j);
            }
            System.out.println();
        }

        D:\>javac ReversePyramidPattern.java
        D:\>java ReversePyramidPattern
        Input positive integer: 8
        1 2 3 4 5 6 7 8
        1 2 3 4 5 6 7
        1 2 3 4 5 6
        1 2 3 4 5
        1 2 3 4
        1 2 3
        1 2
        1

        D:\>
```

Ln 27, Col 1 | 702 characters | 100% | Windows (CRLF) | UTF-8

29°C Partly sunny

Search

cpuz_r TestInheritar SalaryCalculator TicketCalculator DigitFinder.java AlternatingTriangle.java ReversePyramidPattern.java

8:52:56 23-08-2024 ENG IN

```
File Edit View
import java.util.Scanner;

public class ReversePyramidPattern {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input
        System.out.print("Enter number of hours worked per week: ");
        int N = scanner.nextInt();
        scanner.nextLine();

        // Validation
        if (N <= 0) {
            System.out.println("Enter number of weeks worked: ");
            int weeks = scanner.nextInt();
            scanner.nextLine();

            // Calculation
            double totalSalary = (N * weeks * 10);
            System.out.println("Total Salary: $" + totalSalary);
        }
    }

    // Print
    for (int i = 1; i <= N; i++) {
        for (int j = 1; j <= i; j++) {
            System.out.print("*");
        }
        System.out.println();
    }
}

D:\>javac TicketCalculator.java
D:\>java TicketCalculator
Enter ticket type (Regular, VIP, Premium): vip
Enter number of tickets bought: 8
Total Cost: $680.00

D:\>javac DigitFinder.java
D:\>java DigitFinder
Enter a positive number (1 <= N <= 10000): 89
Largest Digit: 9
Smallest Digit: 8

D:\>javac AlternatingTriangle.java
D:\>java AlterNatngTriangle
Error: Could not find or load main class AlterNatngTriangle
Caused by: java.lang.ClassNotFoundException: AlterNatngTriangle

D:\>javac AlternatingTriangle.java
```

Administrator: Command Pro

Ln 27, Col 1 | 702 characters | 100% | Windows (CRLF) | UTF-8

29°C Partly sunny

Search

File Explorer

Task View

OneDrive

Email

WhatsApp

Google Photos

Spotify

PowerShell

Google Sheets

Google Slides

Google Docs

08:53:08 23-08-2024

ENG IN

```
File Edit View

import java.util.Scanner;

public class ReversePyramidPattern {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input
        System.out.print("Enter number of hours worked per week: ");
        int N = scanner.nextInt();
        scanner.nextLine();

        // Validation
        if (N <= 0 || N > 35) {
            System.out.println("Enter number of weeks worked:");
            int weeks = scanner.nextInt();
            scanner.nextLine();

            // Calculation
            double totalSalary = (N * weeks) * 10.5;
            System.out.printf("Total Salary: $%.2f\n", totalSalary);
        } else {
            System.out.println("Enter ticket type (Regular, VIP, Premium): ");
            String ticketType = scanner.nextLine();

            System.out.print("Enter number of tickets bought: ");
            int ticketsBought = scanner.nextInt();
            scanner.nextLine();

            // Calculation
            double totalCost = (ticketType.equals("Regular") ? 10 : ticketType.equals("VIP") ? 20 : 30) * ticketsBought;
            System.out.printf("Total Cost: $%.2f\n", totalCost);
        }
    }
}

D:\>javac TicketCalculator.java
D:\>java TicketCalculator
Enter ticket type (Regular, VIP, Premium): vip
Enter number of tickets bought: 8
Total Cost: $680.00

D:\>javac DigitFinder.java
D:\>java DigitFinder
Enter a positive number (1 <= N <= 10000): 89
Largest Digit: 9
Smallest Digit: 8

D:\>javac AlternatingTriangle.java

D:\>java AlternatingTriangle
Error: Could not find or load main class AlternatingTriangle
Caused by: java.lang.ClassNotFoundException: AlternatingTriangle

D:\>javac AlternatingTriangle.java
```

Ln 27, Col 1 | 702 characters

100%

Windows (CRLF)

UTF-8



 Search



10

08:53:09



```
File Edit View

import java.util.Scanner;

public class ReversePyramidPattern {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input
        System.out.print("Enter number of rows: ");
        int N = scanner.nextInt();

        // Validation
        if (N <= 0) {
            System.out.println("N must be greater than 0.");
            return;
        }

        // Print
        for (int i = 1; i <= N; i++) {
            for (int j = 1; j <= i; j++) {
                System.out.print("*");
            }
            System.out.println();
        }
    }
}

D:\>Administrator: Command Pro + v
'SalaryCalculator' is not recognized as an internal or external command,
operable program or batch file.

D:\>SalaryCalculator.java
D:\>java SalaryCalculator
Enter hourly wage: 25
Enter number of hours worked per week: 23
Enter number of weeks worked: 7
Total Salary: $4025.00

D:\>java SalaryCalculator
Enter hourly wage:
34
Enter number of hours worked per week: 33
Enter number of weeks worked:
33
Total Salary: $37026.00

D:\>javac TicketCalculator.java

D:\>java TicketCalculator
Enter ticket type (Regular, VIP, Premium): vip
Enter number of tickets bought: 8
Total Cost: $680.00
```

Ln 27, Col 1 702 characters

100%

Windows (CRLF)

UTF-8



Q Search



08:53:13
23-08-2024

```
File Edit View

import java.util.Scanner;

public class ReversePyramidPattern {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input
        System.out.print("Enter number of rows: ");
        int N = scanner.nextInt();

        // Validation
        if (N <= 0) {
            System.out.println("N must be greater than 0.");
            return;
        }

        // Print
        for (int i = 1; i <= N; i++) {
            for (int j = 1; j <= i; j++) {
                System.out.print("*");
            }
            System.out.println();
        }
    }
}

D:\>Administrator: Command Pro + v
'SalaryCalculator' is not recognized as an internal or external command,
operable program or batch file.

D:\>SalaryCalculator.java
D:\>java SalaryCalculator
Enter hourly wage: 25
Enter number of hours worked per week: 23
Enter number of weeks worked: 7
Total Salary: $4025.00

D:\>java SalaryCalculator
Enter hourly wage:
34
Enter number of hours worked per week: 33
Enter number of weeks worked:
33
Total Salary: $37026.00

D:\>javac TicketCalculator.java

D:\>java TicketCalculator
Enter ticket type (Regular, VIP, Premium): vip
Enter number of tickets bought: 8
Total Cost: $680.00
```

Ln 27, Col 1 | 702 characters

100%

Windows (CRLF)

UTF-8



 Search



08:53:14
23-08-2024

```
Administrator: Command Pro + X - □ ×
44
45
755
879
652
54565
513
233
254
552
223
525633
541413
55215
Exception in thread "main" java.util.NoSuchElementException
D:\>javac StockProfit.java

D:\>java StockProfit
Enter the array size:
5
Enter the array elements:
2
3
2
5
63
61

D:\>javac Sort012.java

D:\>java Sort012

5
5
4
3
3
27
4 3 3 27 5
D:\>
```



Search



08:26:59
27-08-2024

```
Administrator: Command Pro + ▾

44
45
755
879
652
54565
513
233
254
552
223
525633
541413
55215
Exception in thread "main" java.util.NoSuchElementException

D:\>javac StockProfit.java

D:\>java StockProfit
Enter the array size:
5
Enter the array elements:
2
3
2
5
63
61

D:\>javac Sort012.java

D:\>java Sort012

5
5
4
3
3
27
4 3 3 27 5
D:\>
```



```
Administrator: Command Pro + X
PalindromeChecker.java:37: error: reached end of file while parsing
1 error

D:\>javac PalindromeChecker.java
PalindromeChecker.java:37: error: reached end of file while parsing
}
^
1 error

D:\>javac PalindromeChecker.java
PalindromeChecker.java:37: error: reached end of file while parsing
}
^
1 error

D:\>javac PalindromeChecker.java
PalindromeChecker.java:37: error: reached end of file while parsing
}
^
1 error

D:\>javac AlternatingTriangle.java

D:\>java AlternatingTriangle
Input positive integer:
4
1
0 1
1 0 1
0 1 0 1

D:\>javac SalaryCalculator.java

D:\>Java SalaryCalculator
Enter hourly wage: 3
Enter number of hours worked per week: 7
Enter number of weeks worked:
8
Total Salary: $151.20

D:\>
```



The taskbar at the bottom of the screen displays several icons, including the Start button, a search bar, File Explorer, Edge browser, Task View, Mail, Google Assistant, Google Photos, Google Sheets, Google Slides, and Microsoft Visual Studio Code. On the right side, there are system status icons for battery level, signal strength, and connectivity, along with the date and time (27-08-2024, 09:23:58) and a language indicator (ENG IN).

```
Administrator: Command Pro + X
PalindromeChecker.java:37: error: reached end of file while parsing
1 error

D:\>javac PalindromeChecker.java
PalindromeChecker.java:37: error: reached end of file while parsing
}
^
1 error

D:\>javac PalindromeChecker.java
PalindromeChecker.java:37: error: reached end of file while parsing
}
^
1 error

D:\>javac PalindromeChecker.java
PalindromeChecker.java:37: error: reached end of file while parsing
}
^
1 error

D:\>javac AlternatingTriangle.java

D:\>java AlternatingTriangle
Input positive integer:
4
1
0 1
1 0 1
0 1 0 1

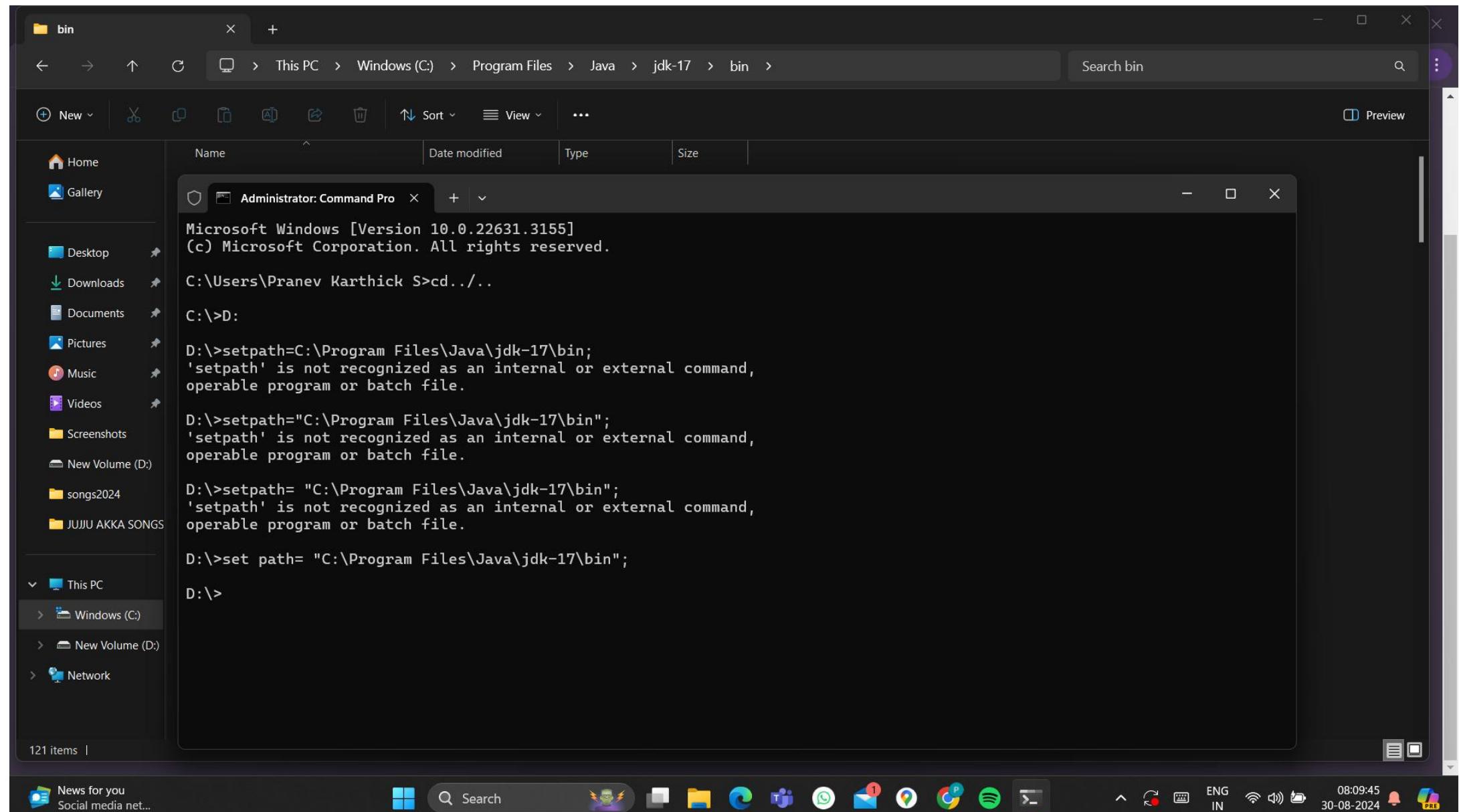
D:\>javac SalaryCalculator.java

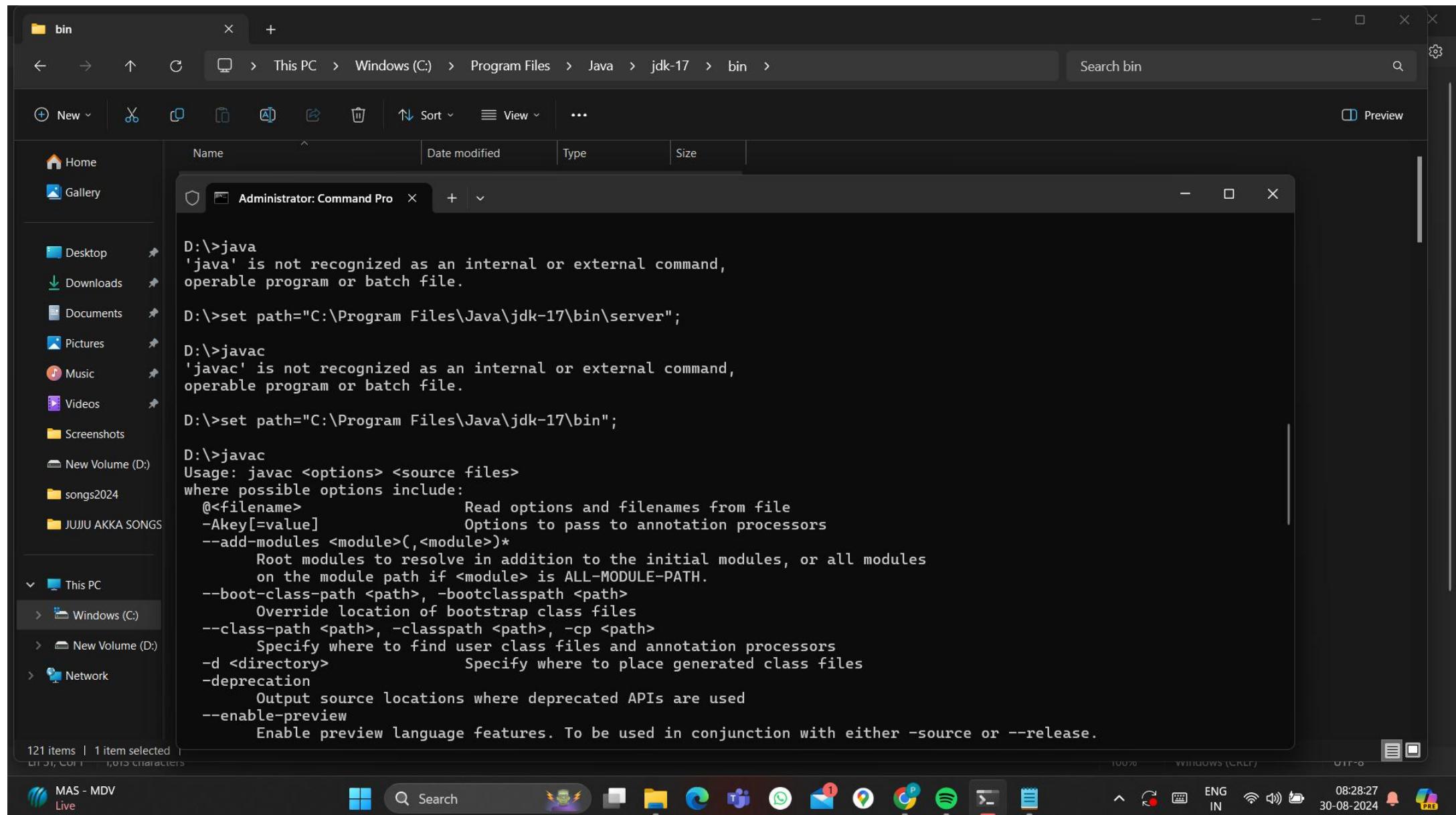
D:\>Java SalaryCalculator
Enter hourly wage: 3
Enter number of hours worked per week: 7
Enter number of weeks worked:
8
Total Salary: $151.20

D:\>
```



The taskbar at the bottom of the screen displays several icons, including the Start button, a search bar, File Explorer, Edge browser, Task View, Mail, Google Chrome, Microsoft Word, Microsoft Excel, and Microsoft Visual Studio Code. On the right side of the taskbar, there are system status indicators for battery level, signal strength, and connectivity, along with the current date and time (27-08-2024) and language settings (ENG IN).





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Main.java

```
36
37 // Main class to test polymorphism
38 public class Main {
39     public static void main(String[] args) {
40         // Compile-time polymorphism
41         Animal animal = new Animal();
42         animal.makeSound();           // Calls Animal's makeSound()
43         animal.makeSound("Roar");    // Calls Animal's makeSound
                                         (String sound)
44
45         Animal dog = new Dog();      // Upcasting
46         dog.makeSound();           // Calls Dog's overridden
                                         makeSound()
47
48         Dog specificDog = new Dog();
49         specificDog.makeSound();   // Calls Dog's overridden
                                         makeSound()
50         specificDog.makeSound("Woof"); // Calls Dog's overloaded
                                         makeSound(String sound)
51
52         Animal cat = new Cat();      // Upcasting
53         cat.makeSound();           // Calls Cat's overridden
                                         makeSound()
54     }
55 }
56 }
```

Run

Output

```
java -cp /tmp/H2ZjWEEqr7/Main
Some generic animal sound
Animal sound: Roar
Bark
Bark
Dog makes a Woof sound
Meow
== Code Execution Successful ==
```

Clear

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Lufthansa

26°C Mostly cloudy

Search

Cloudflare

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Settings

8:45:02 ENG IN 03-09-2024

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Main.java

```
25  public Employee(String name, int age, String employeeID, String
  department) {
26      super(name, age);
27      this.employeeID = employeeID;
28      this.department = department;
29  }
30
31 // Method to display employee details
32  public void displayEmployeeDetails() {
33      displayPersonDetails(); // Call method from Person
34      System.out.println("Employee ID: " + employeeID);
35      System.out.println("Department: " + department);
36  }
37 }
38
39 // Main class to run the program
40 public class Main {
41     public static void main(String[] args) {
42         // Creating an instance of Employee
43         Employee emp = new Employee("John Doe", 30, "E123456", "IT"
44             );
45
46         // Displaying employee details
47         emp.displayEmployeeDetails();
48     }
49 }
```

Output

```
java -cp /tmp/BMCLtA8RZh/Main
Name: John Doe
Age: 30
Employee ID: E123456
Department: IT

== Code Execution Successful ==
```

Clear

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Search

8:49:52 03-09-2024 ENG IN

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Main.java

```
public Employee(String name, int age, String employeeID, String department) {  
    super(name, age);  
    this.employeeID = employeeID;  
    this.department = department;  
}  
  
// Method to display employee details  
public void displayEmployeeDetails() {  
    displayPersonDetails(); // Call method from Person  
    System.out.println("Employee ID: " + employeeID);  
    System.out.println("Department: " + department);  
}  
  
// Main class to run the program  
public class Main {  
    public static void main(String[] args) {  
        // Creating an instance of Employee  
        Employee emp = new Employee("John Doe", 30, "E123456", "IT");  
  
        // Displaying employee details  
        emp.displayEmployeeDetails();  
    }  
}
```

Output

```
java -cp /tmp/BMCLtA8RZh/Main  
Name: John Doe  
Age: 30  
Employee ID: E123456  
Department: IT  
  
== Code Execution Successful ==
```

Clear

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8:49:52 03-09-2024 ENG IN

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Main.java

```
1 public CollegeStudent(String name, int age, String studentID, String collegeName) {  
2     super(name, age, studentID);  
3     this.collegeName = collegeName;  
4 }  
5  
6 // Method to display college student details  
7 public void displayCollegeStudentDetails() {  
8     displayStudentDetails();  
9     System.out.println("College Name: " + collegeName);  
10 }  
11  
12 // Main class to run the program  
13 public class Main {  
14     public static void main(String[] args) {  
15         // Creating an instance of CollegeStudent  
16         CollegeStudent cs = new CollegeStudent("Pranev karthick", 20,  
17             "S123456", "Rajalakshmi enginerring college");  
18  
19         // Displaying college student details  
20         cs.displayCollegeStudentDetails();  
21     }  
22 }  
23  
24 }
```

Output

```
java -cp /tmp/KXavsqzcls/Main  
Name: Pranev karthick  
Age: 20  
Student ID: S123456  
College Name: Rajalakshmi enginerring college  
== Code Execution Successful ==
```

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Cloud

File

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Microsoft Teams

WhatsApp

Email

Google Chrome

Spotify

Task View

File Explorer

Settings

System

08:54:07 03-09-2024 ENG IN

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Main.java

```
String collegeName) {  
    super(name, age, studentID);  
    this.collegeName = collegeName;  
}  
  
// Method to display college student details  
public void displayCollegeStudentDetails() {  
    displayStudentDetails(); // Call method from Student  
    System.out.println("College Name: " + collegeName);  
}  
  
// Main class to run the program  
public class Main {  
    public static void main(String[] args) {  
        // Creating an instance of CollegeStudent  
        CollegeStudent cs = new CollegeStudent("Alice Johnson", 20,  
            "S123456", "Harvard University");  
  
        // Displaying college student details  
        cs.displayCollegeStudentDetails();  
    }  
}
```

Output

```
java -cp /tmp/s0mbN3AXpt/Main  
Name: Alice Johnson  
Age: 20  
Student ID: S123456  
College Name: Harvard University  
  
== Code Execution Successful ==
```

Clear

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Lufthansa

26°

Search

Cloud

File

Recycle Bin

Task View

File Explorer

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Microsoft Teams

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Spotify

OneDrive

Notepad

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System tray icons: ENG IN, 08:54:45, 03-09-2024, battery level, signal strength, volume, and notifications.

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Main.java

```
String collegeName) {  
    super(name, age, studentID);  
    this.collegeName = collegeName;  
}  
  
// Method to display college student details  
public void displayCollegeStudentDetails() {  
    displayStudentDetails(); // Call method from Student  
    System.out.println("College Name: " + collegeName);  
}  
  
// Main class to run the program  
public class Main {  
    public static void main(String[] args) {  
        // Creating an instance of CollegeStudent  
        CollegeStudent cs = new CollegeStudent("Alice Johnson", 20,  
            "S123456", "Harvard University");  
  
        // Displaying college student details  
        cs.displayCollegeStudentDetails();  
    }  
}
```

Output

```
java -cp /tmp/s0mbN3AXpt/Main  
Name: Alice Johnson  
Age: 20  
Student ID: S123456  
College Name: Harvard University  
  
== Code Execution Successful ==
```

Clear

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Search

Cloud

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Settings

80:46 ENG IN 03-09-2024

REC-Online CAT Server-1: | Rajalakshmi Engineering | Inbox (44) - 231001509@r... | ChatGPT | OpenAI | ChatGPT | Online Java Compiler - Pro

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Main.java

```
32 }  
33  
34  
35  
36  
37 public class Main {  
38     public static void main(String[] args) {  
39         // Create an instance of Dog  
40         Dog myDog = new Dog();  
41  
42         // Call the implemented method  
43         myDog.makeSound(); // Output: Woof!  
44  
45         // Call the default method from the interface  
46         myDog.sleep(); // Output: Dog is sleeping...  
47  
48         // Call the static method from the interface  
49         Animal.description(); // Output: Animals are living  
          organisms that can move and respond to stimuli.  
50     }  
51 }  
52  
53  
54  
55  
56  
57
```

Output

```
java -cp /tmp/mPOMY1YLlH/Main  
Woof!  
Dog is sleeping...  
Animals are living organisms that can move and respond to stimuli.  
== Code Execution Successful ==
```

Clear

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08:22:27 ENG IN 10-09-2024 PRE

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A STAR ALLIANCE MEMBER Lufthansa

Main.java

32 }
33
34
35
36
37 public class Main {
38 public static void main(String[] args) {
39 // Create an instance of Dog
40 Dog myDog = new Dog();
41
42 // Call the implemented method
43 myDog.makeSound(); // Output: Woof!
44
45 // Call the default method from the interface
46 myDog.sleep(); // Output: Dog is sleeping...
47
48 // Call the static method from the interface
49 Animal.description(); // Output: Animals are living
 organisms that can move and respond to stimuli.
50 }
51 }
52
53
54
55
56
57

Run

Output

java -cp /tmp/mPOMY1YLlH/Main
Woof!
Dog is sleeping...
Animals are living organisms that can move and respond to stimuli.
== Code Execution Successful ==

Clear

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Search

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Lufthansa

Main.java

```
20     capitalizedTitle.append(word.substring(1
21         ).toLowerCase());
22     capitalizedTitle.append(" "); // Add space after each
23     word
24
25     // Remove the trailing space and return the result
26     return capitalizedTitle.toString().trim();
27 }
28
29 public static void main(String[] args) {
30     // Create a scanner object to read input
31     Scanner scanner = new Scanner(System.in);
32
33     // Read the input string
34     System.out.println("Enter a sentence:");
35     String title = scanner.nextLine();
36
37     // Call the capitalizeTitle method and print the result
38     System.out.println(capitalizeTitle(title));
39
40     // Close the scanner
41     scanner.close();
42 }
43 }
```

Output

```
java -cp /tmp/H0j0krfJF2/CapitalizeTitle
Enter a sentence:
JAVA
Java
===
Code Execution Successful ===
```

Clear

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Main.java

```
20     capitalizedTitle.append(word.substring(1
21         ).toLowerCase());
22     capitalizedTitle.append(" "); // Add space after each
23     word
24
25     // Remove the trailing space and return the result
26     return capitalizedTitle.toString().trim();
27 }
28
29 public static void main(String[] args) {
30     // Create a scanner object to read input
31     Scanner scanner = new Scanner(System.in);
32
33     // Read the input string
34     System.out.println("Enter a sentence:");
35     String title = scanner.nextLine();
36
37     // Call the capitalizeTitle method and print the result
38     System.out.println(capitalizeTitle(title));
39
40     // Close the scanner
41     scanner.close();
42 }
43 }
```

Output

```
java -cp /tmp/H0j0krfJF2/CapitalizeTitle
Enter a sentence:
JAVA
Java
== Code Execution Successful ==
```

Clear

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Main.java

```
1 public class StringBufferDemo {  
2     public static void main(String[] args) {  
3         // Step 1: Create a string using StringBuffer  
4         StringBuffer str = new StringBuffer("prithivi ");  
5  
6         // Step 2: Append a string "College, Kanchipuram"  
7         str.append("College, Kanchipuram");  
8         System.out.println("After append: " + str);  
9  
10        // Step 3: Insert a string "Engineering " at index 1  
11        str.insert(1, "Engineering ");  
12        System.out.println("After insert: " + str);  
13  
14        // Step 4: Replace "Kanchipuram" with "Chennai"  
15        int startIndex = str.indexOf("Kanchipuram");  
16        int endIndex = startIndex + "Kanchipuram".length();  
17        str.replace(startIndex, endIndex, "Chennai");  
18        System.out.println("After replace: " + str);  
19  
20        // Step 5: Delete the string "Chennai"  
21        startIndex = str.indexOf("Chennai");  
22        endIndex = startIndex + "Chennai".length();  
23        str.delete(startIndex, endIndex);  
24        System.out.println("After delete: " + str);  
25  
26        // Step 6: Print the string in reverse form
```

Output

```
java -cp /tmp/MNjeyTQYet/StringBufferDemo  
After append: prithivi College, Kanchipuram  
After insert: pEngineering rithivi College, Kanchipuram  
After replace: pEngineering rithivi College, Chennai  
After delete: pEngineering rithivi College,  
Reversed string: ,egelloC ivihtir gnireenignEp  
== Code Execution Successful ==
```

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Tomorrow's high
Near record

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8:32:04 IN 13-09-2024 PRE

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Main.java

```
1 public class StringBufferDemo {  
2     public static void main(String[] args) {  
3         // Step 1: Create a string using StringBuffer  
4         StringBuffer str = new StringBuffer("prithivi ");  
5  
6         // Step 2: Append a string "College, Kanchipuram"  
7         str.append("College, Kanchipuram");  
8         System.out.println("After append: " + str);  
9  
10        // Step 3: Insert a string "Engineering " at index 1  
11        str.insert(1, "Engineering ");  
12        System.out.println("After insert: " + str);  
13  
14        // Step 4: Replace "Kanchipuram" with "Chennai"  
15        int startIndex = str.indexOf("Kanchipuram");  
16        int endIndex = startIndex + "Kanchipuram".length();  
17        str.replace(startIndex, endIndex, "Chennai");  
18        System.out.println("After replace: " + str);  
19  
20        // Step 5: Delete the string "Chennai"  
21        startIndex = str.indexOf("Chennai");  
22        endIndex = startIndex + "Chennai".length();  
23        str.delete(startIndex, endIndex);  
24        System.out.println("After delete: " + str);  
25  
26        // Step 6: Print the string in reverse form
```

Output

```
java -cp /tmp/MNjeyTQYet/StringBufferDemo  
After append: prithivi College, Kanchipuram  
After insert: pEngineering rithivi College, Kanchipuram  
After replace: pEngineering rithivi College, Chennai  
After delete: pEngineering rithivi College,  
Reversed string: ,egelloC ivihtir gnireenignEp  
==== Code Execution Successful ===
```

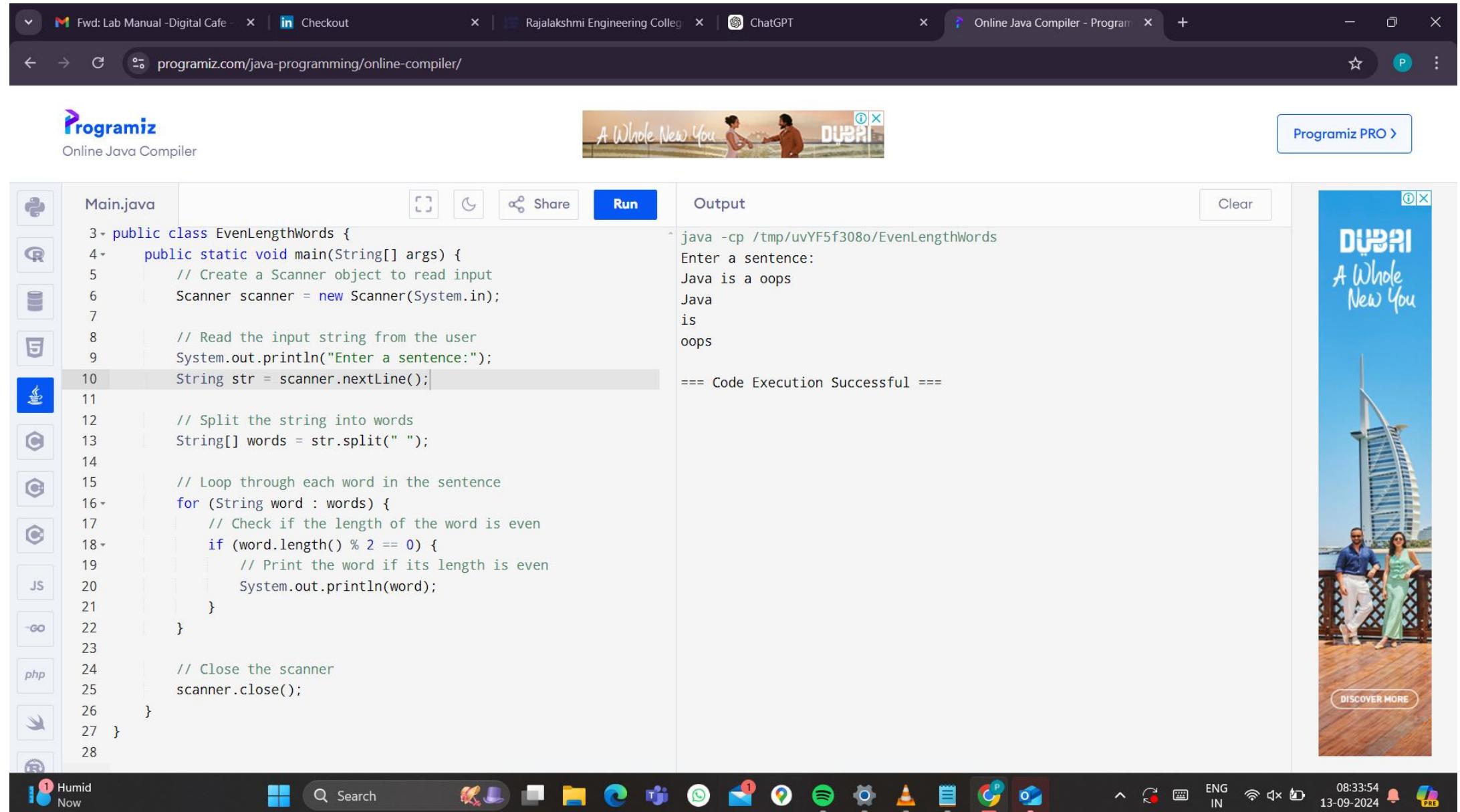
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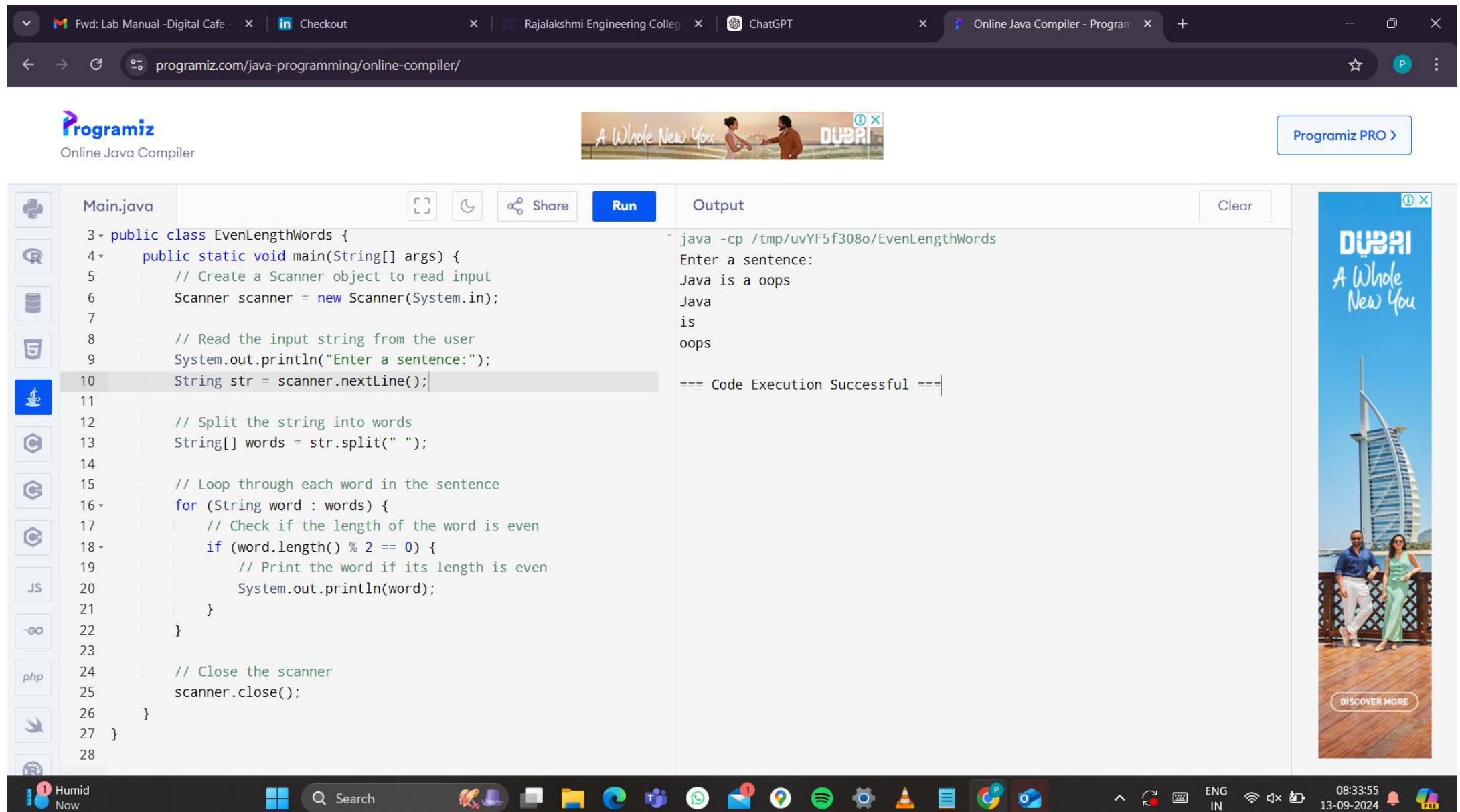
Los Angeles £86,149
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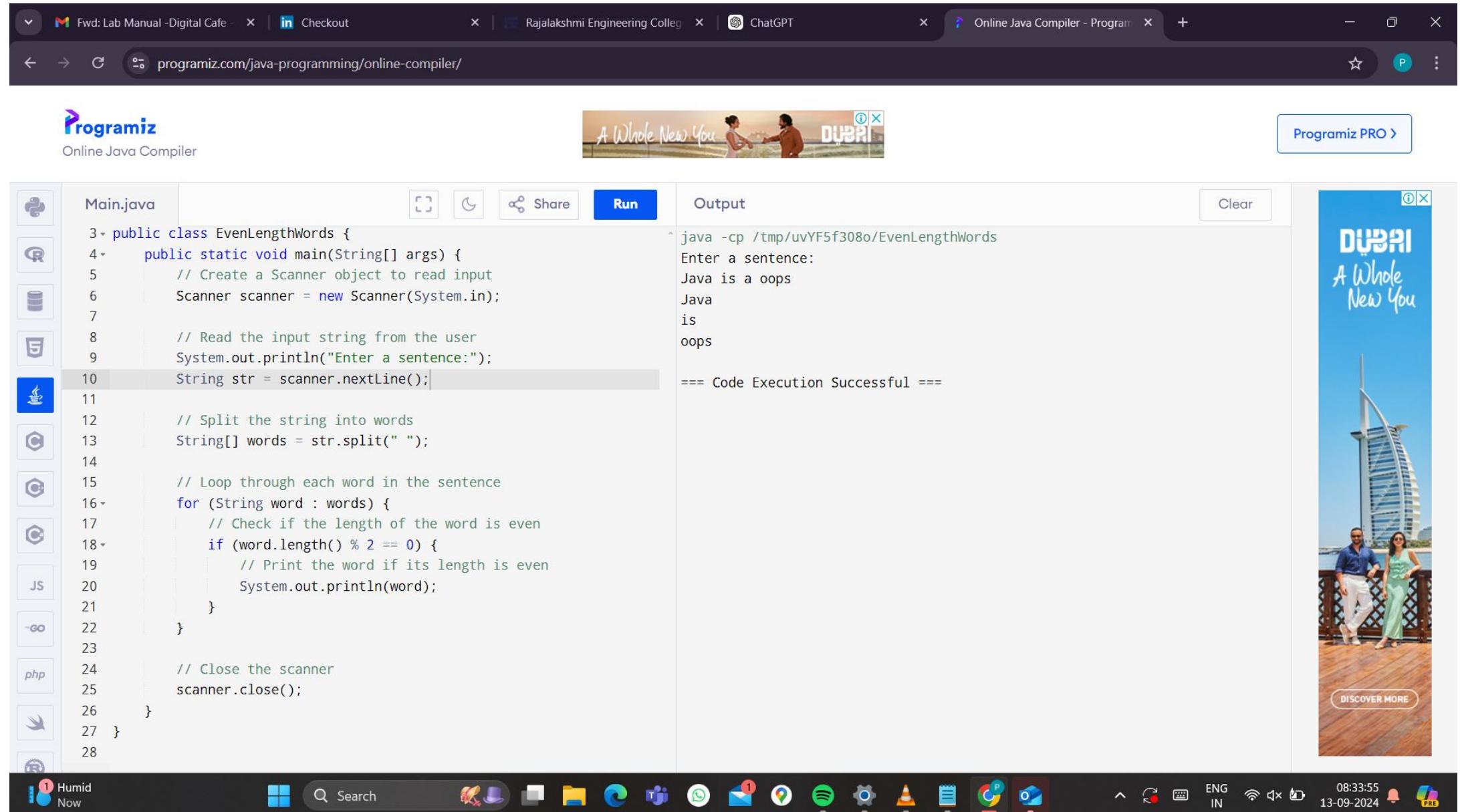
Tomorrow's high
Near record

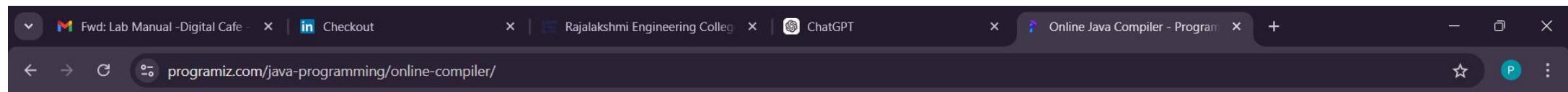
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Main.java

```
37     // Reverse the suffix to return it in correct order
38     return new StringBuilder(suffix).reverse().toString();
39 }
40
41 public static void main(String[] args) {
42     Scanner scanner = new Scanner(System.in);
43
44     // Input the number of strings
45     System.out.println("Enter the number of strings:");
46     int n = scanner.nextInt();
47     scanner.nextLine(); // Consume newline
48
49     // Input the array of strings
50     String[] strs = new String[n];
51     System.out.println("Enter the strings:");
52     for (int i = 0; i < n; i++) {
53         strs[i] = scanner.nextLine().trim();
54     }
55
56     // Find and print the longest common suffix
57     String result = findLongestCommonSuffix(strs);
58     System.out.println("Longest common suffix: " + result);
59
60     scanner.close();
61 }
```

Run

Output

```
java -cp /tmp/yEaEWjXYcK/LongestCommonSuffix
Enter the number of strings:
4
Enter the strings:
tamil
telugu
english
malayam
Longest common suffix: Not Matching
== Code Execution Successful ==
```

Clear

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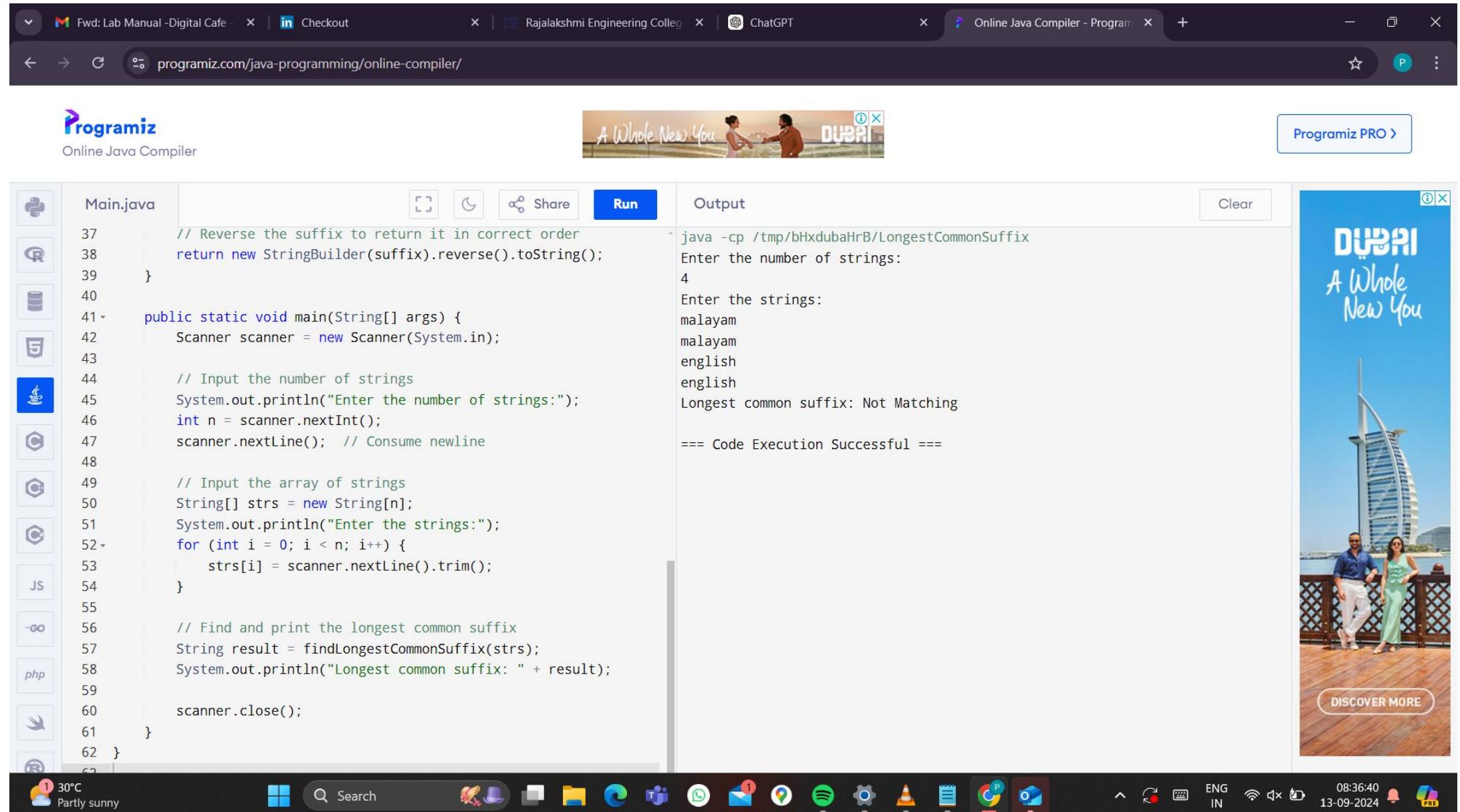
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Main.java

```
37     // Reverse the suffix to return it in correct order
38     return new StringBuilder(suffix).reverse().toString();
39 }
40
41 public static void main(String[] args) {
42     Scanner scanner = new Scanner(System.in);
43
44     // Input the number of strings
45     System.out.println("Enter the number of strings:");
46     int n = scanner.nextInt();
47     scanner.nextLine(); // Consume newline
48
49     // Input the array of strings
50     String[] strs = new String[n];
51     System.out.println("Enter the strings:");
52     for (int i = 0; i < n; i++) {
53         strs[i] = scanner.nextLine().trim();
54     }
55
56     // Find and print the longest common suffix
57     String result = findLongestCommonSuffix(strs);
58     System.out.println("Longest common suffix: " + result);
59
60     scanner.close();
61 }
62 }
```

Run

Output

```
java -cp /tmp/bHxdubaHrB/LongestCommonSuffix
Enter the number of strings:
4
Enter the strings:
malayam
malayam
english
english
Longest common suffix: Not Matching
== Code Execution Successful ==
```

Clear

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Main.java

```
37     // Reverse the suffix to return it in correct order
38     return new StringBuilder(suffix).reverse().toString();
39 }
40
41 public static void main(String[] args) {
42     Scanner scanner = new Scanner(System.in);
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44     // Input the number of strings
45     System.out.println("Enter the number of strings:");
46     int n = scanner.nextInt();
47     scanner.nextLine(); // Consume newline
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51     System.out.println("Enter the strings:");
52     for (int i = 0; i < n; i++) {
53         strs[i] = scanner.nextLine().trim();
54     }
55
56     // Find and print the longest common suffix
57     String result = findLongestCommonSuffix(strs);
58     System.out.println("Longest common suffix: " + result);
59
60     scanner.close();
61 }
62 }
```

Run Output Clear

```
java -cp /tmp/AjftCB7KpU/LongestCommonSuffix
Enter the number of strings:
3
Enter the strings:
flying
playing
dancing
Longest common suffix: ing
== Code Execution Successful ==
```

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Main.java

```
37     // Reverse the suffix to return it in correct order
38     return new StringBuilder(suffix).reverse().toString();
39 }
40
41 public static void main(String[] args) {
42     Scanner scanner = new Scanner(System.in);
43
44     // Input the number of strings
45     System.out.println("Enter the number of strings:");
46     int n = scanner.nextInt();
47     scanner.nextLine(); // Consume newline
48
49     // Input the array of strings
50     String[] strs = new String[n];
51     System.out.println("Enter the strings:");
52     for (int i = 0; i < n; i++) {
53         strs[i] = scanner.nextLine().trim();
54     }
55
56     // Find and print the longest common suffix
57     String result = findLongestCommonSuffix(strs);
58     System.out.println("Longest common suffix: " + result);
59
60     scanner.close();
61 }
62 }
```

Run

Output

```
java -cp /tmp/AjftCB7KpU/LongestCommonSuffix
Enter the number of strings:
3
Enter the strings:
flying
playing
dancing
Longest common suffix: ing
== Code Execution Successful ==
```

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Main.java

```
37     // Reverse the suffix to return it in correct order
38     return new StringBuilder(suffix).reverse().toString();
39 }
40
41 public static void main(String[] args) {
42     Scanner scanner = new Scanner(System.in);
43
44     // Input the number of strings
45     System.out.println("Enter the number of strings:");
46     int n = scanner.nextInt();
47     scanner.nextLine(); // Consume newline
48
49     // Input the array of strings
50     String[] strs = new String[n];
51     System.out.println("Enter the strings:");
52     for (int i = 0; i < n; i++) {
53         strs[i] = scanner.nextLine().trim();
54     }
55
56     // Find and print the longest common suffix
57     String result = findLongestCommonSuffix(strs);
58     System.out.println("Longest common suffix: " + result);
59
60     scanner.close();
61 }
62 }
```

Run | Share | Output | Clear

```
java -cp /tmp/AjftCB7KpU/LongestCommonSuffix
Enter the number of strings:
3
Enter the strings:
flying
playing
dancing
Longest common suffix: ing
== Code Execution Successful ==
```

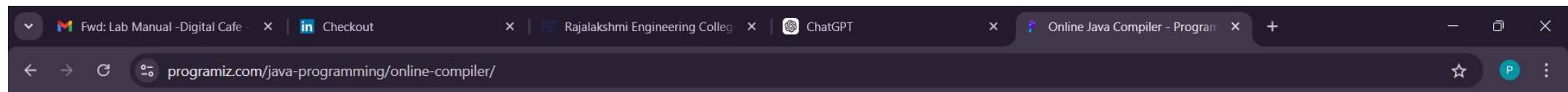
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```
Main.java
33     right--;
34 }
35
36     return true; // It is a palindrome
37 }
38
39 public static void main(String[] args) {
40     // Create a scanner to read input
41     Scanner scanner = new Scanner(System.in);
42
43     // Input the string
44     System.out.println("Enter the string:");
45     String s = scanner.nextLine();
46
47     // Check if the string is a palindrome and print the result
48     if (isPalindrome(s)) {
49         System.out.println("True");
50     } else {
51         System.out.println("False");
52     }
53
54     // Close the scanner
55     scanner.close();
56 }
57 }
```



Run

Output

Clear

```
java -cp /tmp/p2qLoCYSII/PalindromeCheck
Enter the string:
A man, a plan, a canal: Panama
```

True

== Code Execution Successful ==

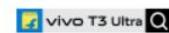


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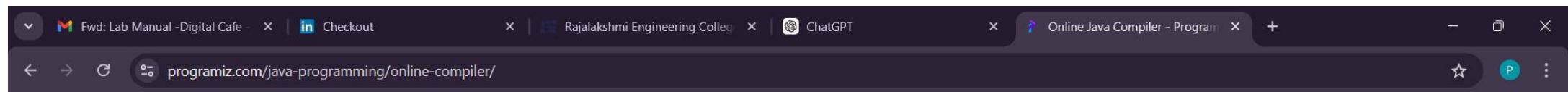
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IN



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```
Main.java
right--;
}
return true; // It is a palindrome
}

public static void main(String[] args) {
    // Create a scanner to read input
    Scanner scanner = new Scanner(System.in);

    // Input the string
    System.out.println("Enter the string:");
    String s = scanner.nextLine();

    // Check if the string is a palindrome and print the result
    if (isPalindrome(s)) {
        System.out.println("True");
    } else {
        System.out.println("False");
    }

    // Close the scanner
    scanner.close();
}
```



Run

Output

Clear

```
java -cp /tmp/p2qLoCYSII/PalindromeCheck
Enter the string:
A man, a plan, a canal: Panama
```

True

== Code Execution Successful ==

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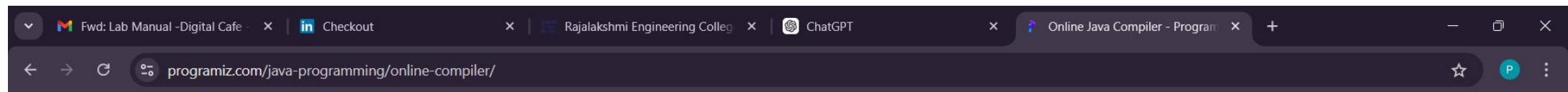
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Main.java

```
right--;
}
return true; // It is a palindrome
}

public static void main(String[] args) {
    // Create a scanner to read input
    Scanner scanner = new Scanner(System.in);

    // Input the string
    System.out.println("Enter the string:");
    String s = scanner.nextLine();

    // Check if the string is a palindrome and print the result
    if (isPalindrome(s)) {
        System.out.println("True");
    } else {
        System.out.println("False");
    }

    // Close the scanner
    scanner.close();
}
```

Run

Output

```
java -cp /tmp/p2qLoCYSII/PalindromeCheck
Enter the string:
A man, a plan, a canal: Panama

True
== Code Execution Successful ==
```

Clear

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Main.java

```
32     }
33
34     // Update the previous value
35     prevValue = currentValue;
36 }
37
38     return total;
39 }
40
41 public static void main(String[] args) {
42     // Create a scanner to read input
43     Scanner scanner = new Scanner(System.in);
44
45     // Input the Roman numeral string
46     System.out.println("Enter the Roman numeral:");
47     String roman = scanner.nextLine();
48
49     // Convert the Roman numeral to an integer and print the
50     // result
51     int result = romanToInt(roman);
52     System.out.println("Equivalent integer: " + result);
53
54     // Close the scanner
55     scanner.close();
56 }
```

Run

Output

java -cp /tmp/jcenDq4ZJC/RomanToInteger
Enter the Roman numeral:
IX
Equivalent integer: 9
== Code Execution Successful ==

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Main.java

```
32     }
33     // Update the previous value
34     prevValue = currentValue;
35 }
36     return total;
37 }
38 public static void main(String[] args) {
39     // Create a scanner to read input
40     Scanner scanner = new Scanner(System.in);
41
42     // Input the Roman numeral string
43     System.out.println("Enter the Roman numeral:");
44     String roman = scanner.nextLine();
45
46     // Convert the Roman numeral to an integer and print the
47     // result
48     int result = romanToInt(roman);
49     System.out.println("Equivalent integer: " + result);
50
51     // Close the scanner
52     scanner.close();
53 }
```

Run

Output

java -cp /tmp/jcenDq4ZJC/RomanToInteger
Enter the Roman numeral:
IX
Equivalent integer: 9
== Code Execution Successful ==

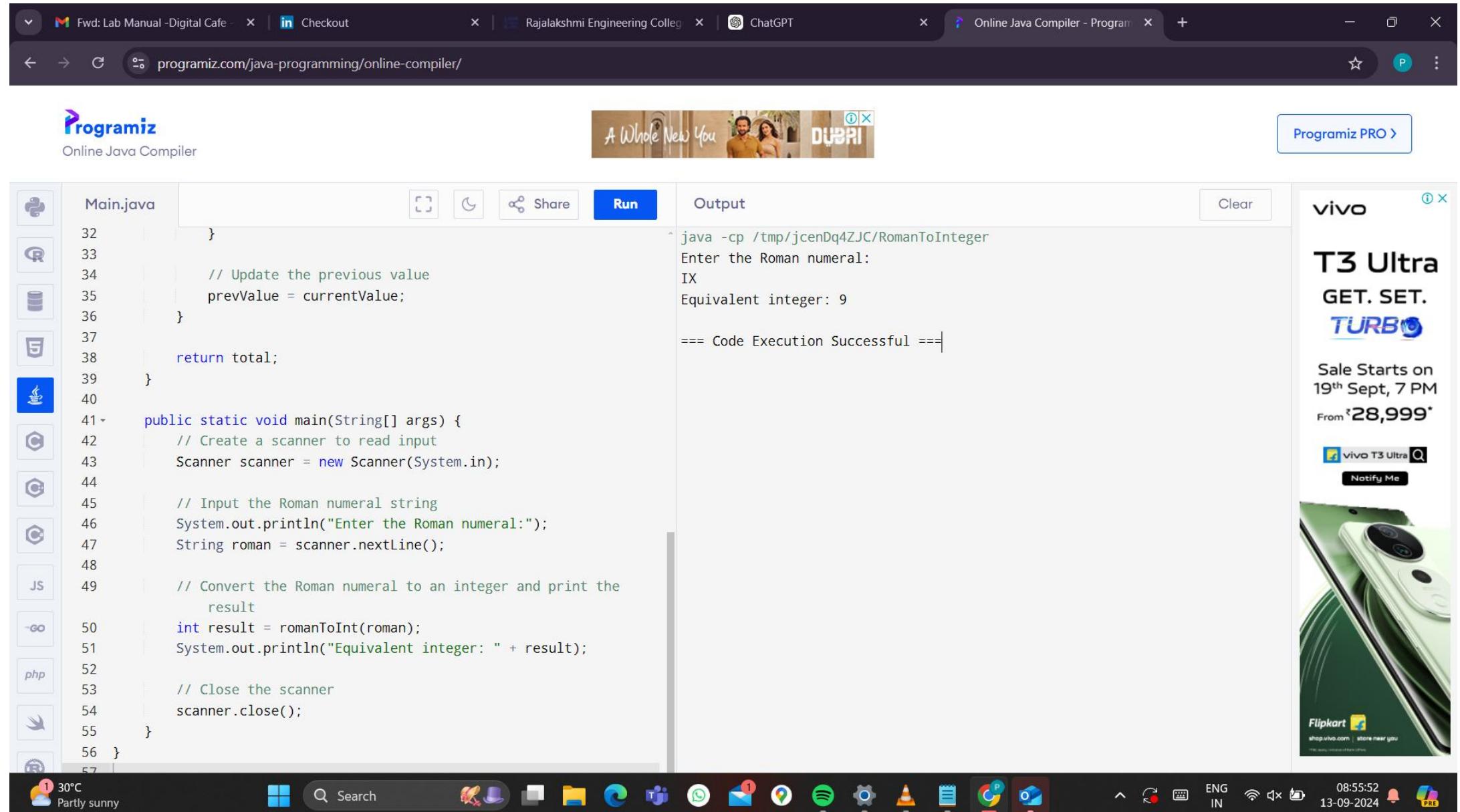
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[Finish attempt ...](#)[Back](#)**Question 31**

Not yet answered

Marked out of 1.00

[Flag question](#)

If x , y , and z are all integers, which expression will produce a runtime error?

NOTE: The expressions are always evaluated with all the integers having a value of 1.

- a. $z = -x/x;$
- b. $z = y/x--;$
- c. $z = y\%--x$
- d. $z = x/y--;$

Time left 0:15:28

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CS23333-Object Oriented Programming Using Java-2023

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[Finish attempt ...](#)[Back](#)**Question 33**Not yet
answeredMarked out of
1.00[Flag question](#)

Time left 0:13:38

[Hide](#)

Given:

int x = 7;

x <<= 2;

What best describes the second line of code?

- a. It is invalid because there is no such operator as <<=.
- b. It assigns the value of 2 to x, and shifts it to left by one place.
- c. It assigns the value to x after shifting 2 to x places left.
- d. It assigns the value to x after shifting x to 2 places left.

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Email



Google



Spotify



Calculator



Battery



Signal



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REC-CIS

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answeredMarked out of
1.00[Flag question](#)

Suppose you have four int variables: x, y, z, and result.

Which expression sets the value of z to x if result has a value of 1, and the value of y to x otherwise?

- a. x = (result == 1) : y ? z;
- b. x = (result == 1) ? y : z;
- c. x = (result == 1) : z ? y;
- d. x = (result == 1) ? z : y;

Time left 0:12:21

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Question **35**

Not yet
answered

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1.00

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Which of the following is correct?

- a. $8 >> 2$ gives 2
- b. $4 << 2$ gives 2
- c. $16 >>> 2$ gives 2
- d. $2 << 1$ gives 2

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[Finish attempt ...](#)**Question 1**Not yet
answeredMarked out of
1.00[Flag question](#)

Time left 0:44:42

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```
public class If1
{
    static boolean b;
    public static void main(String [] args)
    {
        short hand = 42;
        if ( hand < 50 && !b ) /* Line 7 */
            hand++;
        if ( hand > 50 ); /* Line 9 */
        else if ( hand > 40 )
        {
            hand += 7;
            hand++;
        }
        else
            --hand;
        System.out.println(hand);
    }
}
```

Choose the correct answer(s) from the following:

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Question 2

Not yet
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Given the following,

1. class For {
2. public void test() {
3. }
4. System.out.println("x = "+ x);
5. }
6. }
7. }

and the following output,

x = 0 x = 1

Which two lines of code (inserted independently) will cause this output?

- a. for (int x = -1; x < 2; ++x) {
- b. for (int x = 1; x < 3; ++x) {

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Question 1

Not complete

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Time left 1:14:00

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Write a program to find whether the given input number is Odd.

If the given number is odd, the program should return 2 else It should return 1.

Note: The number passed to the program can either be negative. positive or zero. Zero should NOT be treated as Odd.

For example:

Input	Result
123	2
456	1

Answer: (penalty regime: 0 %)

or given number



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[Finish attempt ...](#)**Question 2**

Not yet answered

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Time left 0:57:37

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Given the following code, which of these constructors can be added to MySub class without causing a compile-time error?

```
class MySuper {  
    int number;  
    MySuper(int i) { number = i; }  
}  
  
class MySub extends MySuper {  
    int count;  
    MySub(int cnt, int num) {  
        super(num);  
        count=cnt;  
    }  
    // INSERT ADDITIONAL CONSTRUCTOR HERE  
}
```

- a. MySub(int cnt) { super(cnt); this(cnt, 0); }
- b. MySub(int cnt) { this(cnt, cnt); }
- c. MySub() {}
- d. MySub(int cnt) { count = cnt; super(cnt); }

REC-CIS

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[Finish attempt ...](#)**Question 3**Not yet
answeredMarked out of
1.00[Flag question](#)

Given the following,

```
1. class B extends A {  
2.     int getId() {  
3.         return id;  
4.     }  
5. }  
6. class C {  
7.     public int name;  
8. }  
9. class A {  
10.    C c = new C();  
11.    public int id;  
12. }
```

Which one is correct about instances of the classes listed above?

- a. B has-a A
- b. B has-a C
- c. A is-a B
- d. C is-a A

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[Finish attempt ...](#)[Back](#)**Question 4**Not yet
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Which statement is true?

- a. Inheritance defines a has-a relationship between a superclass and its subclasses.
- b. A final class can be extended by any number of classes
- c. Every Java object has a public method named equals.
- d. Every Java object has a public method named length.

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[Finish attempt ...](#)[Back](#)**Question 5**Not yet
answeredMarked out of
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Which of the following modifiers cannot be applied to a top level class?

- a. public
- b. abstract
- c. private
- d. final

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[Finish attempt ...](#)[Back](#)**Question 6**Not yet
answeredMarked out of
1.00[Flag question](#)

Which one of the following statement is false?

- a. A final class cannnot be abstract.
- b. All members of the superclass are inherited by the subclass.
- c. A top level class in which all the members are declared private, can be declared public.
- d. The subclass of a non-abstract class can be declared abstract.

Time left 0:49:32

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REC-CIS

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[Finish attempt ...](#)**Question 7**Not yet
answeredMarked out of
1.00[Flag question](#)

Given the following:

```
1. public class MyClass {  
2.     public static void main(String[] args) {  
3.         Derived d = new Derived("hello");  
4.     }  
5. }  
6.  
7. class Base {  
8.     Base() { this("a", "b"); }  
9.  
10.    Base(String x, String y) { System.out.println(x + y); }  
11. }  
12.  
13. class Derived extends Base {  
14.     Derived(String s) { System.out.println(s); }  
15. }
```

What is the output?

- a. It will print hello.
- b. It will print ab
- c. It will print ab followed by hello.
- d. It will print hello followed by ab.

Time left 0:47:34

[Hide](#)

REC-CIS

CS23333-Object Oriented Programming Using Java-2023

Quiz navigation

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[Finish attempt ...](#)[Back](#)**Question 9**Not yet
answeredMarked out of
1.00[Flag question](#)

Which of the following is correct syntax for defining a new class Jolt based on the superclass SoftDrink?

- a. class Jolt implements SoftDrink { //additional definitions go here }
- b. class Jolt extends SoftDrink { //additional definitions go here }
- c. class Jolt defines SoftDrink { //additional definitions go here }
- d. class Jolt isa SoftDrink { //additional definitions go here }

Time left 0:45:50

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REC-CIS

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[Finish attempt ...](#)**Question 11**

Not yet answered

Marked out of 1.00

[Flag question](#)

Given the following code:

```
class B { int m = 7; }

class D extends B { int m = 9; }

public class TestBaseDerived {

    public static void main(String[] args) {

        B b = new B();

        D d = new D();

        B bd = new D();

        System.out.printf("%d %d %d", b.m, d.m, bd.m);

    }
}
```

What will be the output on executing the above code ?

- a. 7 9 7
- b. 9 9 7
- c. 9 7 9
- d. 7 9 9

Time left 0:44:51

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REC-CIS

CS23333-Object Oriented Programming Using Java-2023

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[Finish attempt ...](#)[Back](#)**Question 13**Not yet
answeredMarked out of
1.00[Flag question](#)

Say that class Rodent has a child class Rat and another child class Mouse. Class Mouse has a child class PocketMouse. Examine the following

Rodent rod;

Rat rat = new Rat();

Mouse mos = new Mouse();

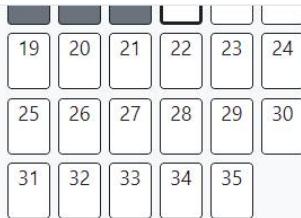
PocketMouse pkt = new PocketMouse();

Which one of the following will cause a compiler error?

- a. pkt = rat;
- b. rod = rat;
- c. rod = mos;
- d. pkt = null;

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REC-CIS

[Finish attempt ...](#)

Question 10

Not yet
answeredMarked out of
1.00[Flag question](#)

Given the following code:

class B {

int m = 7;

}

class D extends B {

int m = 9;

}

public class TestBaseDerived {

public static void main(String[] args) {

B b = new B();

D d = new D();

B bd = new D();

System.out.printf("%d %d %d", b.m, d.m, bd.m);

}

}

What will be the output on executing the above code?

 a. 7 9 7 b. 9 7 9 c. 7 9 9 d. 9 9 7

Time left 0:40:44

Hide

REC-CIS

CS23333-Object Oriented Programming Using Java-2023

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[Finish attempt ...](#)[Back](#)**Question 17**Not yet
answeredMarked out of
1.00[Flag question](#)

Which statement is true about the use of modifiers?

- a. Local variables can be declared static.
- b. You cannot specify accessibility of local variables. They are only accessible within the block in which they are declared.
- c. Subclasses of a class must reside in the same package as the class they extend.
- d. If no accessibility modifier (public, protected, and private) is specified for a member declaration, the member is only accessible for classes in the same package and subclasses of its class in any package.

Time left 0:39:35

[Hide](#)[Previous page](#)[Next page](#) Rain showers
In the afternoon

Search



^

08:26:38
04-10-2024

REC-CIS

CS23333-Object Oriented Programming Using Java-2023

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[Finish attempt ...](#)[Back](#)**Question 35**Not yet
answeredMarked out of
1.00[Flag question](#)

What restriction is there on using the super reference in a constructor?

- a. It must be used in the last statement of the constructor.
- b. It must be used in the first statement of the constructor.
- c. Only one child class can use it.
- d. It can only be used in the parent's constructor.

Time left 0:34:08

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[Finish attempt ...](#)[Back](#)**Question 1**Not yet
answeredMarked out of
1.00[Flag question](#)

```
interface I1 {}  
interface I2 {}  
class Base implements I1 {}  
class Sub extends Base implements I2 {}  
class Red {  
    public static void main(String args[]) {  
        Sub s1 = new Sub(); I2 i2 = s1; // 1  
        I1 i1 = s1; // 2  
        Base base = s1; // 3  
        Sub s2 = (Sub) base; // 4  
    }  
}
```

A compile-time error is generated at which line?

a. 2



REC-CIS

CS23333-Object Oriented Programming Using Java-2023

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[Finish attempt ...](#)[Back](#)**Question 2**Not yet
answeredMarked out of
1.00[Flag question](#)

Which of the following is/are true about packages in Java?

- 1) Every class is part of some package.
 - 2) All classes in a file are part of the same package.
 - 3) If no package is specified, the classes in the file go into a special unnamed package
 - 4) If no package is specified, a new package is created with folder name of class and the class is put in this package.
-
- a. Only 1, 2 and 3
 - b. Only 4
 - c. Only 1, 2 and 4
 - d. Only 1 and 3

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Search



REC-CIS

CS23333-Object Oriented Programming Using Java-2023

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[Finish attempt ...](#)[Back](#)**Question 6**Not yet
answeredMarked out of
1.00[Flag question](#)

Which is true about the import statement in Java?

- a. The import statement is mandatory when using classes of other packages since there is no other way to use a class.
- b. The import statement must be the first statement after any package declaration in a file.
- c. When .* is used in an import statement, all the classes in that package and the sub-packages will be imported.
- d. The import statements must appear before any package statement is declared.

[Clear my choice](#)[Previous page](#)[Next page](#)

1. Program



Question 1

Revisit Later

1



15 Attempted: 1/1

How to Attempt?

Find the Most Frequently Occurring Digit in a series of numbers.

Kamal is a data analyst in a lottery management organization.

One of the tasks assigned to Kamal is to find the Most Frequently Occurring Digit in a series of input numbers.

Below are a couple of examples to illustrate how to find the Most Frequently Occurring Digit in a series of input numbers.

Example1 –

If the series of input numbers are [1237, 262, 666, 140]

We notice that,

0 occurs 1 time

1 occurs 2 times

2 occurs 3 times

3 occurs 1 time

4 occurs 1 time

5 occurs 0 times

6 occurs 4 times

7 occurs 1 time

8 occurs 0 times

9 occurs 0 times

We observe that –

- 4 is the highest frequency in this series, and,
- 6 is the digit that occurs 4 times.

Thus, the Most Frequently Occurring Digit in this series is 6.

 Use Custom Input

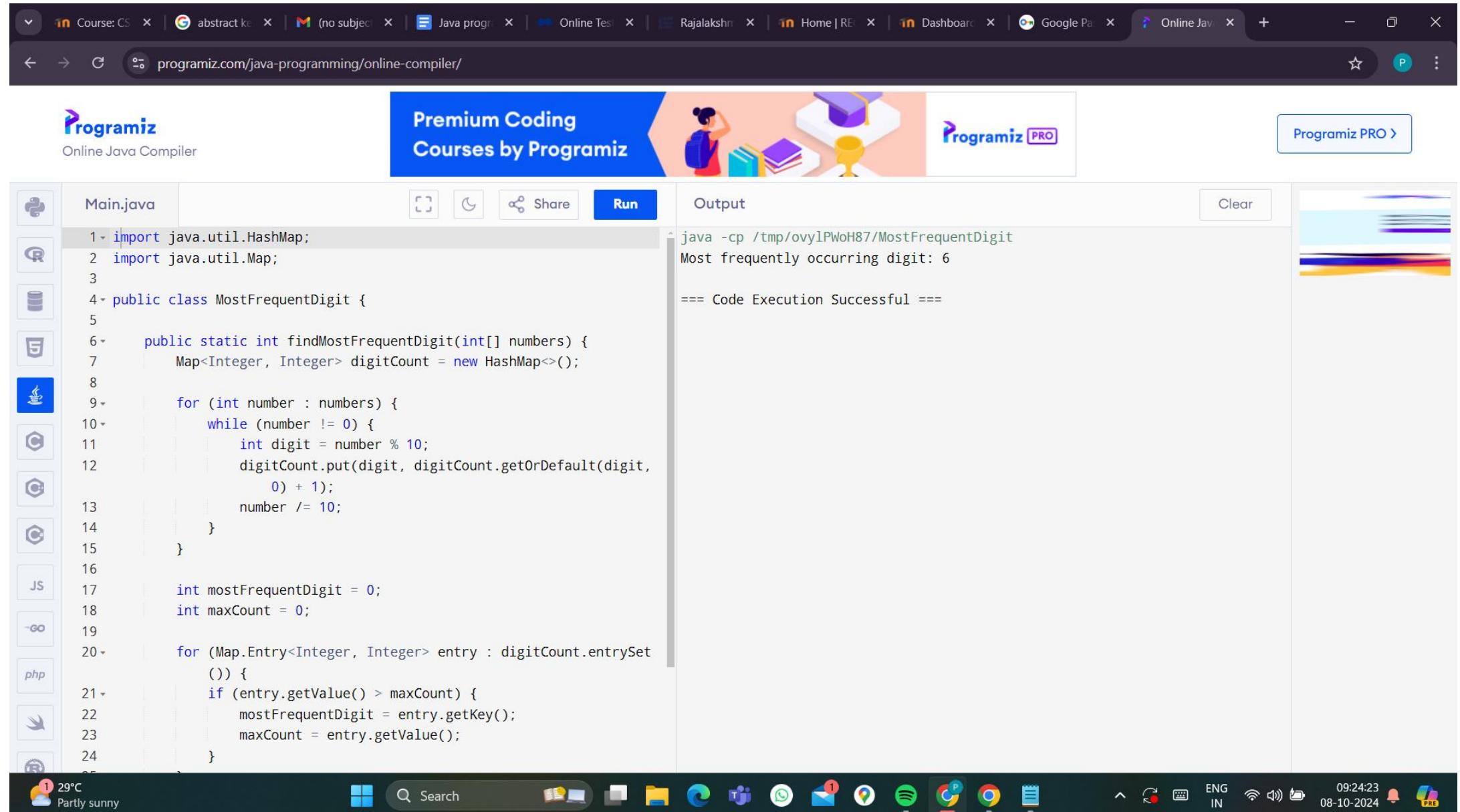
Compile and Test

Submit Code

Code Execution Code History

Nothing to see here

Please execute your code to view code compilation



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programiz.com/java-programming/online-compiler/ ⌂ P :

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Main.java

```
49 }
50
51 class Main {
52     public static void main(String[] args) {
53         // Example usage with CreditCard
54         PaymentMethod creditCard = new CreditCard();
55         System.out.println("Using Credit Card:");
56         creditCard.authorizeTransaction(100.50);
57         creditCard.processPayment(100.50);
58         creditCard.validatePayment();
59
60         // Example usage with PayPal
61         PaymentMethod paypal = new PayPal();
62         System.out.println("\nUsing PayPal:");
63         paypal.authorizeTransaction(250.75);
64         paypal.processPayment(250.75);
65         paypal.validatePayment();
66
67         // Example usage with BankTransfer
68         PaymentMethod bankTransfer = new BankTransfer();
69         System.out.println("\nUsing Bank Transfer:");
70         bankTransfer.authorizeTransaction(500.00);
71         bankTransfer.processPayment(500.00);
72         bankTransfer.validatePayment();
73     }
74 }
```

Run

Output

Clear

```
java -cp /tmp/vFQabkBuml/CreditCard
ERROR!
Error: Main method not found in class CreditCard, please define the main
method as:
public static void main(String[] args)
or a JavaFX application class must extend javafx.application.Application
== Code Exited With Errors ==
```

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15:53:53 20-10-2024 ENG IN

1. Program



Question 1

Revisit Later

How to Attempt?

pCreate PIN using three given input numbers

"Secure Assets Private Ltd", a small company that deals with lockers has recently started manufacturing digital locks which can be locked and unlocked using PINs (passwords). You have been asked to work on the module that is expected to generate PINs using three input numbers.

Assumptions: The three given input numbers will always consist of three digits each i.e. each of them will be in the range ≥ 100 and ≤ 999

$100 \leq \text{input1} \leq 999$

$100 \leq \text{input2} \leq 999$

$100 \leq \text{input3} \leq 999$

Below are the rules for generating the PIN -

- The PIN should be made up of 4 digits
- The unit (ones) position of the PIN should be the least of the units position of the three input numbers
- The tens position of the PIN should be the least of the tens position of the three input numbers
- The hundreds position of the PIN should be the least of the hundreds position of the three input numbers
- The thousands position of the PIN should be the maximum of all the digits in the three input numbers

Example 1 -

input1 = 123

input2 = 582

input3 = 175

then, PIN = 8122

1

Attempted: 0/1

C

Compiler: gcc 5.4.0

```
1 #include<stdio.h>
2 #include<string.h>
3 // Read only region start
4
5 int createPIN(int input1,int input2,int input3)
6 {
7     // Read only region end
8     // Write code here
9
10 }
```

 Use Custom Input

Compile and Test

Submit Code

1. Program



Question 1

Revisit Later

How to Attempt?

Find Password:

Detective Buckshee Junior has been approached by the shantiniketan kids society for help in finding the password to the games complex. After hearing the scenario, detective Buckshee Junior realises that he will need a programmer's support. He contacts you and requests your help. Please help the detective by writing a function to generate the password.

The scenario is as below -

Five numbers are available with the kids.

These numbers are either stable or unstable.

A number is **stable** if each of its digits occur the same number of times, i.e. the frequency of each digit in the number is the same. For e.g. 2277, 4004, 11, 23, 583835, 1010 are examples of stable numbers.

Similarly, A number is **unstable** if the frequency of each digit in the number is NOT the same. For e.g. 221, 4314, 101, 233, 58135, 101 are examples of unstable numbers..

The password can be found as below -

i.e. **password = sum of all stable numbers - sum of all unstable numbers.**

Assuming that the five numbers are passed to a function as input1, input2, input3, input4 and input5, complete the function to find and return the password.

For Example:

If input1 = 12, input2 = 1313, input3 = 122, input4 = 678, and input5 = 898,

stable numbers are 12, 1313 and 678

unstable numbers are 122 and 898

So, the password should be = **sum of all stable numbers - sum of all unstable numbers = 983**

1

Attempted: 0/1

C Compiler: gcc 5.4.0

```
1 #include<stdio.h>
2 #include<string.h>
3 // Read only region start
4
5 int findPassword(int input1,int input2,int input3,int input4,int input5)
6 {
7     // Read only region end
8     // Write code here
9
10 }
```

 Use Custom Input

Compile and Test

Submit Code

1. Program



Question 1

Revisit Later

Attempted: 0/1

How to Attempt?

Number of Prime numbers in a specified range.

Write a function to find the count of the number of prime numbers in a specified range. The starting and ending number of the range will be provided as input parameters to the function.

Assumption: $2 \leq$ starting number of the range \leq ending number of the range ≤ 7919

Example1: If the starting and ending number of the range is given as 2 and 20, the method must return 8, because there are 8 prime numbers in the specified range from 2 to 20, namely (2, 3, 5, 7, 11, 13, 17, 19)

Example2: If the starting and ending number of the range is given as 700 and 725, the method must return 3, because there are 3 prime numbers numbers in the specified range from 700 to 725, namely (701, 709, 719)

C Compiler: gcc 5.4.0

```
1 #include<stdio.h>
2 #include<string.h>
3 // Read only region start
4
5 int countPrimesInRange(int input1,int input2)
6 {
7     // Read only region end
8     // Write code here
9
10 }
```

 Use Custom Input

Compile and Test

Submit Code

The screenshot shows the IntelliJ IDEA interface with a Java project named "untitled2". The project structure on the left includes a .idea folder, an out folder, and a src folder containing Main.java and QuizManagementSystem.java. The Main.java file is open in the editor, displaying code for a quiz application. The code creates a list of questions, adds several questions about programming languages and their full forms, and uses a Scanner to get user input. The Run tool window at the bottom shows the execution of the Main class and displays the quiz results for each question. The status bar at the bottom right shows the build configuration, current time (22:32:35), date (05-11-2024), and file encoding (ENG IN).

```
4 class Main {  
5     public static void main(String[] args) {  
6         ArrayList<Question> questions = new ArrayList<>();  
7  
8         // Add questions to the list  
9         // questions.add(new Question("What is the capital of India?", new String[]{"Delhi", "Mumb  
questions.add(new Question( question: "which programming lanauge is used in networking", new  
// Add more questions as needed  
questions.add(new Question( question: "What is full form of CCTTV", new String[]{"closed cir  
13  
14  
15         Scanner scanner = new Scanner(System.in);  
16         int score = 0;  
17  
18 }
```

Run Main

Up ↑ "C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2024.2.4\lib\idea_rt.jar=52752:C:\Program Files\JetBrains\In
↓ which programming lanauge is used in networking
1. HTML
2. C++
3. Java
4. python
Enter your answer (1, 2, 3, or 4): 3
Correct!
What is full form of CCTTV
1. closed circuit television
2. closed circuit telephone
3. cloed circuit television

Build 18:1 CRLF UTF-8 4 spaces

abbreviation but some programmers made a full form. Basically, Java

The screenshot shows the IntelliJ IDEA interface with a Java project named "untitled2". The project structure on the left includes a .idea folder, an out folder, and a src folder containing Main.java and QuizManagementSystem.java. The Main.java file is open in the editor, displaying code for a quiz system. The code creates a list of questions, adds several questions with their answers, and then uses a Scanner to get user input and calculate a score. The Run tool window at the bottom shows the execution of the Main class and displays the quiz results for two questions. The status bar at the bottom right shows the build configuration, current time (22:32:36), date (05-11-2024), and file encoding (ENG IN).

```
4 class Main {  
5     public static void main(String[] args) {  
6         ArrayList<Question> questions = new ArrayList<>();  
7  
8         // Add questions to the list  
9         // questions.add(new Question("What is the capital of India?", new String[]{"Delhi", "Mumb  
questions.add(new Question( question: "which programming lanauge is used in networking", new  
// Add more questions as needed  
questions.add(new Question( question: "What is full form of CCTTV", new String[]{"closed cir  
13  
14  
15     Scanner scanner = new Scanner(System.in);  
16     int score = 0;  
17  
18 }
```

Run Main

Up ↑ "C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2024.2.4\lib\idea_rt.jar=52752:C:\Program Files\JetBrains\In
↓ which programming lanauge is used in networking
1. HTML
2. C++
3. Java
4. python
Enter your answer (1, 2, 3, or 4): 3
Correct!
What is full form of CCTTV
1. closed circuit television
2. closed circuit telephone
3. cloed circuit television

Build 18:1 CRLF UTF-8 4 spaces

abbreviation but some programmers made a full form. Basically, Java

The screenshot shows an IDE interface with a dark theme. The top navigation bar includes tabs for 'untitled2' and 'Version control'. The left sidebar displays the project structure under 'untitled2', showing files like .idea, out, src (containing Main.java and QuizManagementSystem.java), .gitignore, and untitled2.iml. Below the project tree is a 'Run' panel with a 'Main' tab selected, showing the output of the program's execution.

QuizManagementSystem.java

```
class Main {
    public static void main(String[] args) {
        ArrayList<Question> questions = new ArrayList<>();
        // Add questions to the list
        // questions.add(new Question("What is the capital of India?", new String[]{"Delhi", "Mumbai", "Kolkata", "Chennai"}, 1));
        questions.add(new Question("Which programming language is used in networking?", new String[]{"Java", "Python", "C/C++", "JavaScript"}, 3));
        // Add more questions as needed
        questions.add(new Question("What is the full form of CCTTV?", new String[]{"closed circuit television", "closed circuit telephone", "closed circuit television", "none of the above"}, 1));
        Scanner scanner = new Scanner(System.in);
        int score = 0;
        for (Question question : questions) {
            System.out.println(question.getQuestion());
            for (String option : question.getOptions()) {
                System.out.println(option);
            }
            System.out.print("Enter your answer (1, 2, 3, or 4): ");
            int userAnswer = scanner.nextInt();
            if (userAnswer == question.getCorrectIndex() + 1) {
                score++;
            }
        }
        System.out.println("Your final score is: " + score + "/" + questions.size());
    }
}
```

Main.java

```
What is full form of CCTTV
1. closed circuit television
2. closed circuit telephone
3. closed circuit television
4. none of the above
Enter your answer (1, 2, 3, or 4): 4
Incorrect. The correct answer is: closed circuit television
Your final score is: 1/2

Process finished with exit code 0
```

Build status: 18:1 CRLF UTF-8 4 spaces

Bottom status bar: abbreviation but some programmers made a full form. Basically, Java

The screenshot shows an IDE interface with a dark theme. The top navigation bar includes tabs for 'Current File' and various icons for file operations. The left sidebar displays the project structure under 'untitled2' (C:\Users\Pranev Karthick S\IdeaProjects\untitled2), showing files like .idea, out, src (containing Main.java and QuizManagementSystem.java), .gitignore, and untitled2.iml. Below the project tree is a 'Run' tool window showing the output of a run named 'Main'. The output window displays a quiz interaction where the user is asked for the full form of CCTTV and selects option 3 ('closed circuit television'). The program then asks for the answer and outputs 'Incorrect. The correct answer is: closed circuit television' and 'Your final score is: 1/2'. The bottom status bar shows the build configuration, terminal settings (18:1 CRLF UTF-8 4 spaces), and system information (Windows 10, 22:32:44, ENG IN, 05-11-2024).

Project

untitled2 C:\Users\Pranev Karthick S\IdeaProjects\untitled2

.idea
out
src
Main.java
QuizManagementSystem.java
.gitignore
untitled2.iml
External Libraries
Scratches and Consoles

Current File

QuizManagementSystem.java Main.java

```
4 > class Main {  
5 >     public static void main(String[] args) {  
6 >         ArrayList<Question> questions = new ArrayList<>();  
7 >  
8 >         // Add questions to the list  
9 >         // questions.add(new Question("What is the capital of India?", new String[]{"Delhi", "Mumba...  
10 >         questions.add(new Question("which programming language is used in networking", new String[]...  
11 >         // Add more questions as needed  
12 >         questions.add(new Question("question: What is full form of CCTTV", new String[]{"closed cir...  
13 >  
14 >  
15 >         Scanner scanner = new Scanner(System.in);  
16 >         int score = 0;  
17 >  
18 >
```

Run Main

↑ What is full form of CCTTV
↓ 1. closed circuit television
→ 2. closed circuit telephone
← 3. closed circuit television
↓ 4. none of the above
Enter your answer (1, 2, 3, or 4): 4
Incorrect. The correct answer is: closed circuit television
Your final score is: 1/2
Process finished with exit code 0

Build 18:1 CRLF UTF-8 4 spaces

abbreviation but some programmers made a full form. Basically, Java

REC-CIS

[Finish attempt ...](#)[Time left](#) [Show](#)**Question 1**

Not complete

Marked out of
5.00[Flag question](#)

Create a class Student with two private attributes, name and roll number. Create three objects by invoking different constructors available in the class Student.

Student()**Student(String name)****Student(String name, int rollno)****Input:**

No input

Output:**No-arg constructor is invoked****1 arg constructor is invoked****2 arg constructor is invoked****Name =null , Roll no = 0****Name =Rajalakshmi , Roll no = 0****Name =Lakshmi , Roll no = 101****For example:**

Test	Result
1	No-arg constructor is invoked 1 arg constructor is invoked 2 arg constructor is invoked Name =null , Roll no = 0 Name =Rajalakshmi , Roll no = 0 Name =Lakshmi , Roll no = 101

Answer: (penalty regime: 0 %)08:23:03
08-11-2024ENG
IN