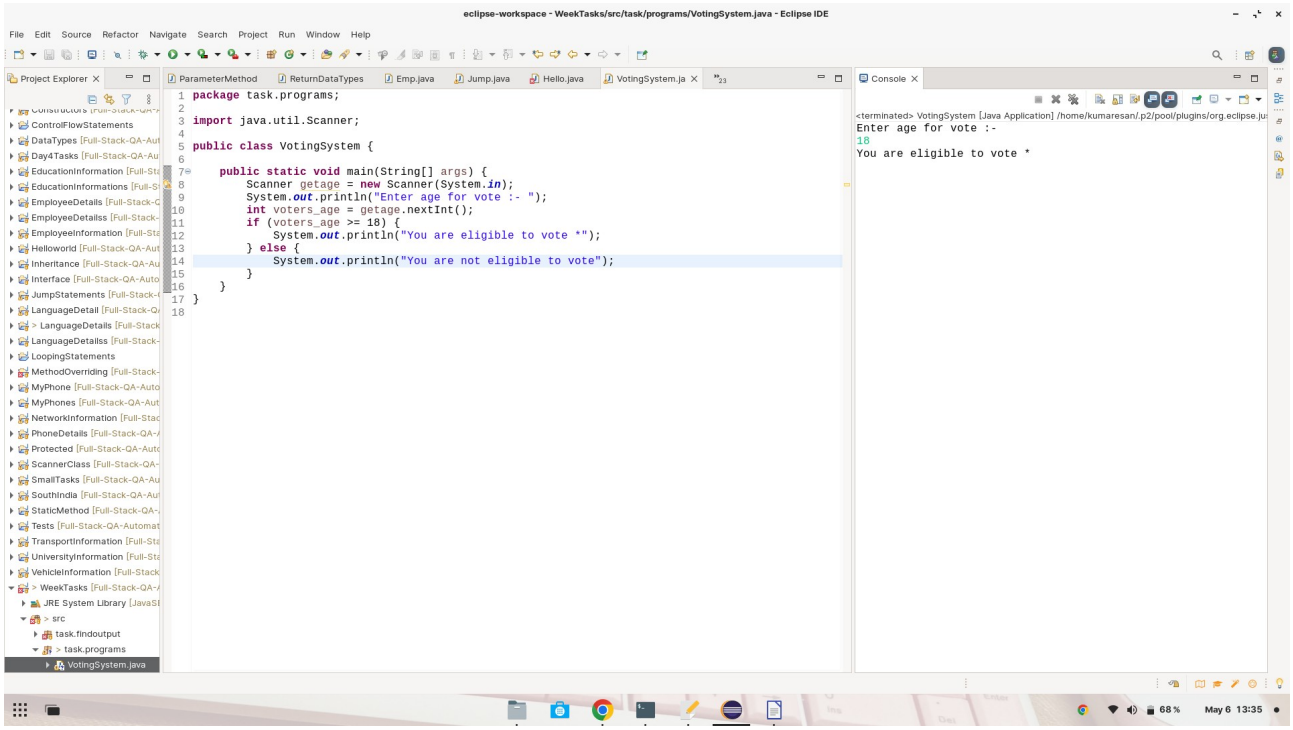
QUESTIONS (Programs) -

QUESTION 1:

Description: Write Java program to allow the user to input his/her age.
Then the program will show if the person is eligible to vote.
A person who is eligible to vote must be older than or equal 1 to 18 years old.

`Program & Output :-`

CASE 1 : (if eligible to vote) -



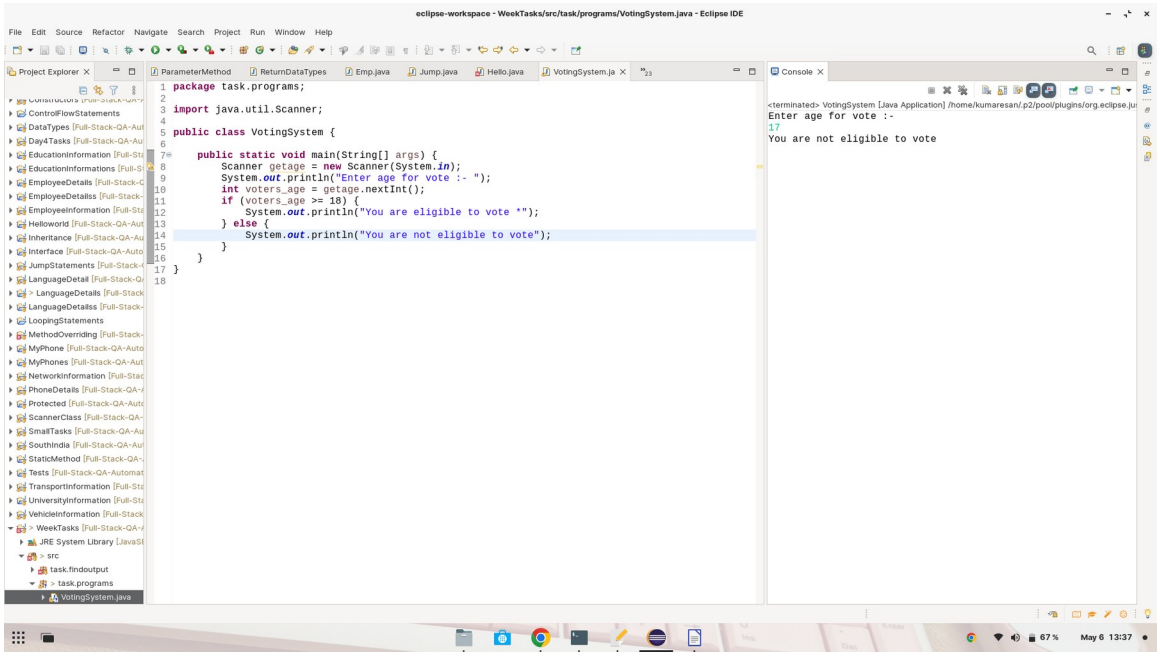

```java
package task.programs;

import java.util.Scanner;

public class VotingSystem {

    public static void main(String[] args) {
        Scanner getage = new Scanner(System.in);
        System.out.println("Enter age for vote :- ");
        int voters_age = getage.nextInt();
        if (voters_age >= 18) {
            System.out.println("You are eligible to vote *");
        } else {
            System.out.println("You are not eligible to vote");
        }
    }
}
```

CASE 2 : (if not eligible to vote) -

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import java.util.Scanner;

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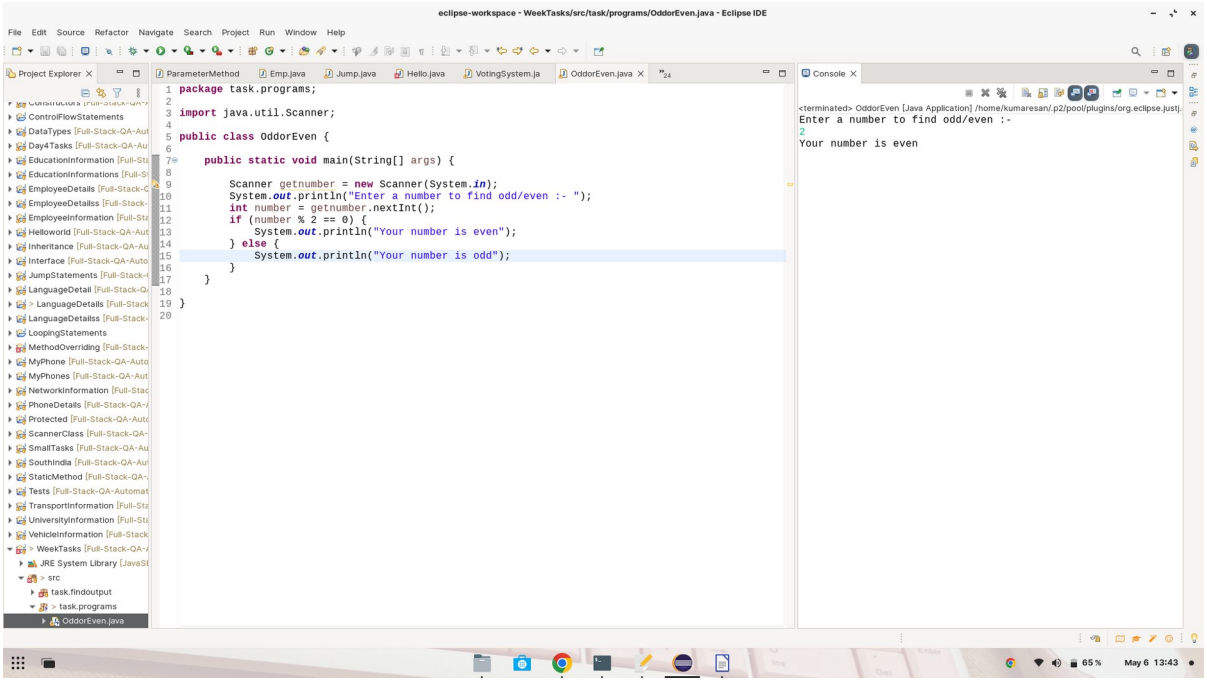
        Scanner getage = new Scanner(System.in);
        System.out.println("Enter age for vote :- ");
        int voters_age = getage.nextInt();
        if (voters_age >= 18) {
            System.out.println("You are eligible to vote *");
        } else {
            System.out.println("You are not eligible to vote");
        }
    }
}
```

QUESTION 2:

Description: Write a program to find even or odd number

`Program & Output :-`

CASE 1 : (if even number) -




```
package task.programs;

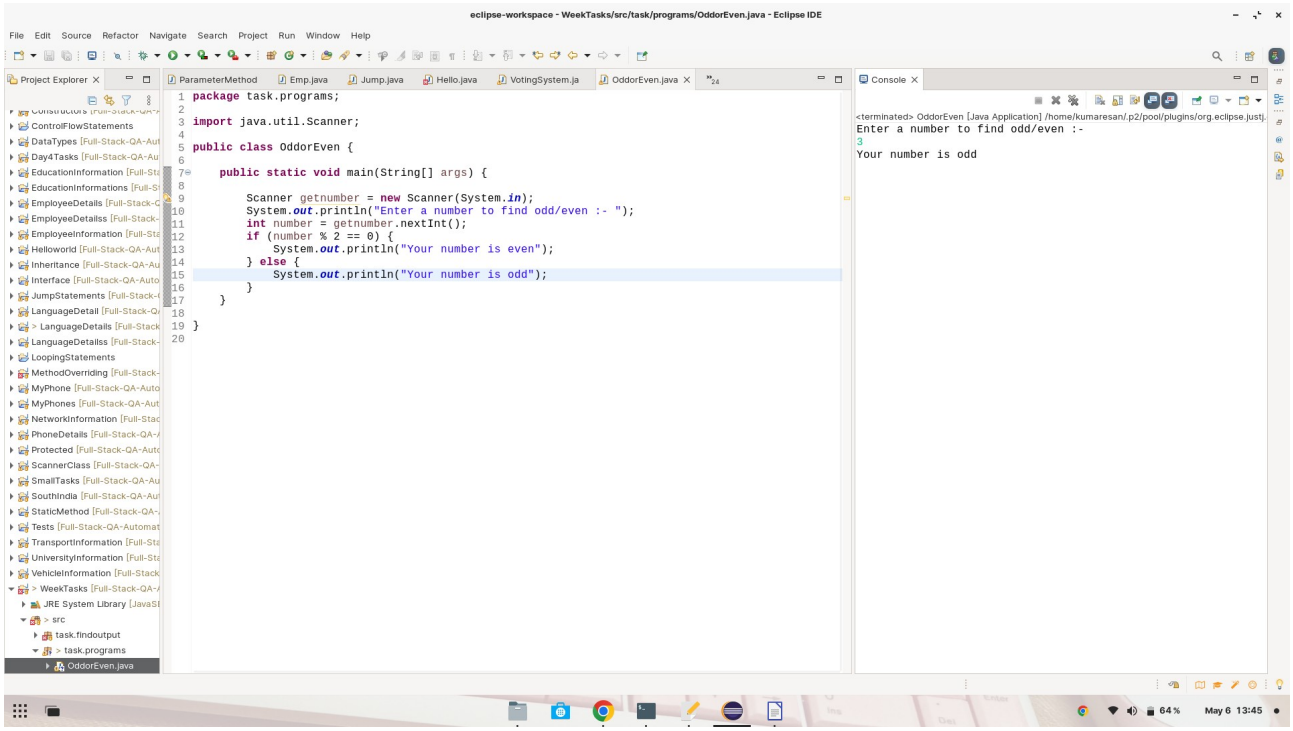
import java.util.Scanner;

public class OddorEven {

    public static void main(String[] args) {

        Scanner getnumber = new Scanner(System.in);
        System.out.println("Enter a number to find odd/even :- ");
        int number = getnumber.nextInt();
        if (number % 2 == 0) {
            System.out.println("Your number is even");
        } else {
            System.out.println("Your number is odd");
        }
    }
}
```

CASE 2 : (if odd number) -

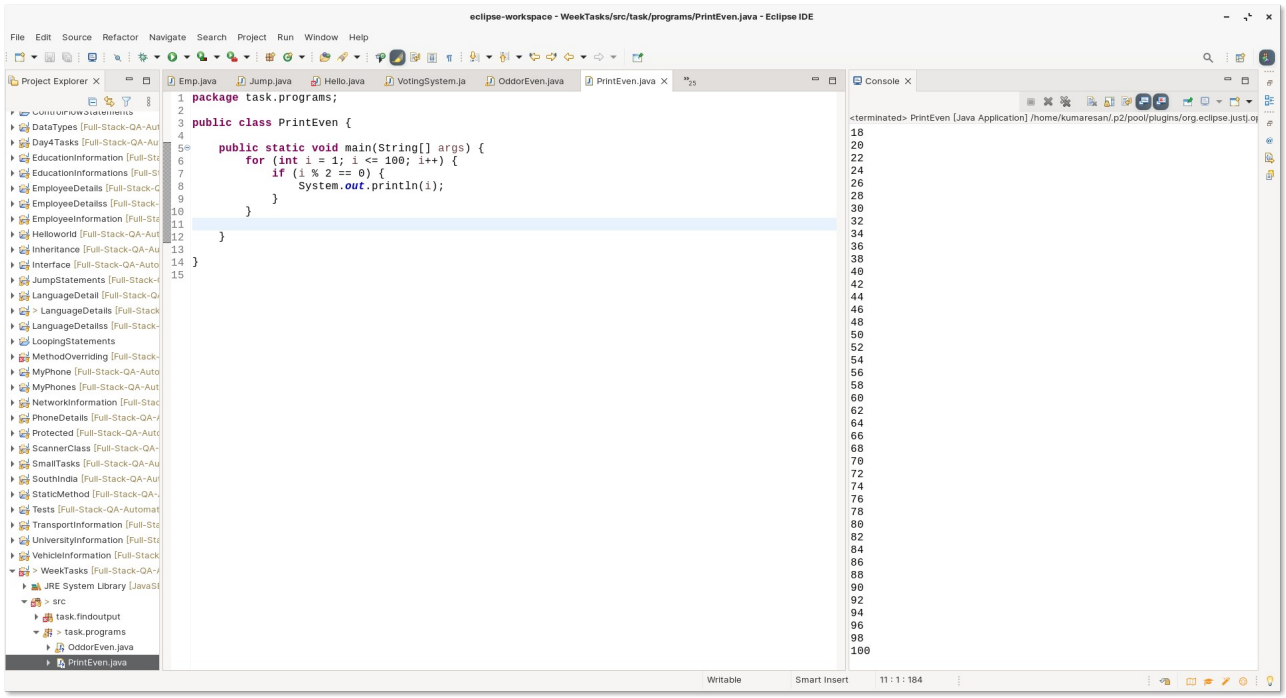



```java
package task.programs;

import java.util.Scanner;

public class OddorEven {

    public static void main(String[] args) {

        Scanner getnumber = new Scanner(System.in);
        System.out.println("Enter a number to find odd/even :- ");
        int number = getnumber.nextInt();
        if (number % 2 == 0) {
            System.out.println("Your number is even");
        } else {
            System.out.println("Your number is odd");
        }
    }

}
```

QUESTION 3:

Description: Write a program to print even number from 1 to 100

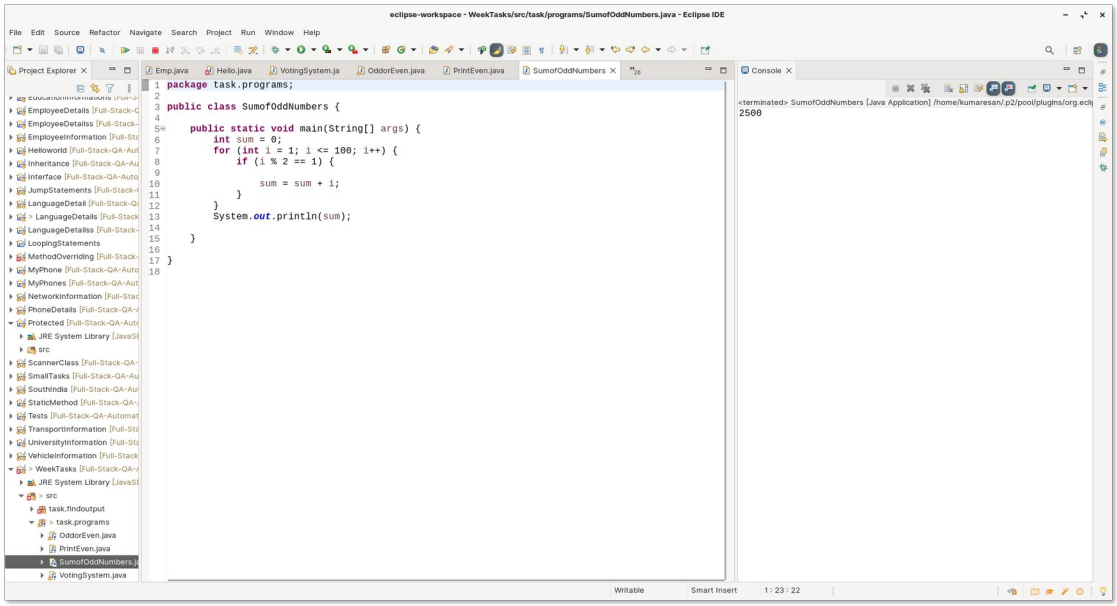
`Program & Output :-`



QUESTION 4:

Description: Find the sum of odd number 1 to 100

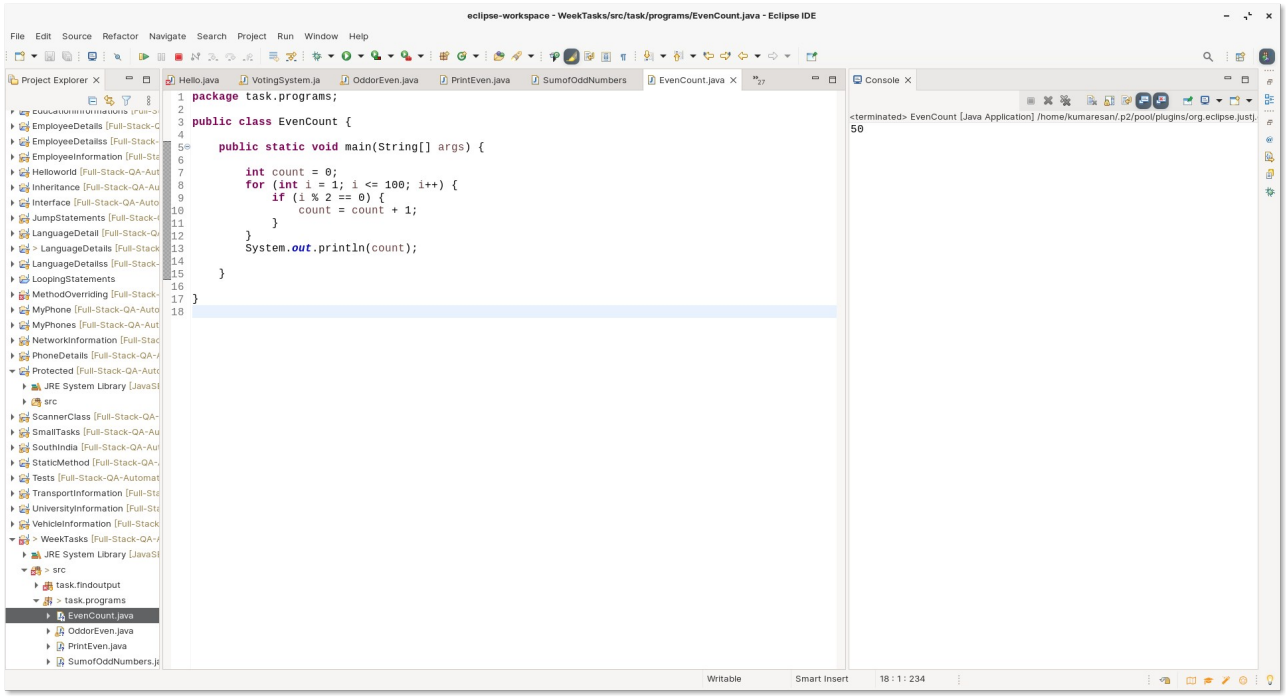
`Program & Output :-`



QUESTION 5:

Description: Count of even number 1 to 100

`Program & Output :-`



QUESTION 6:

Description: Write a program to find the factorial of a number.

`Program & Output :-`