If else Statement With Scanner   by Kunal Sir

Assignment 1

1 Create a class called PositiveNumber. Inside it, write a method named checkPositiveNumber that takes one number. Use an if-else statement to check:

- If the number is greater than 0, print **"Number is positive."**

- Otherwise, print **"Number is not positive."**

Create another class called Test. In the main method, use Scanner to ask the user to enter a number. and Call the method and pass the number to it.

Assignment 2

Create a class called **NegativeNumber**.Inside it, write a method named **checkNegativeNumber** that takes one number.Use an **if-else** statement to check:

- If the number is less than 0, print **"Number is Negative."**

- Otherwise, print **"Number is not Negative."**

Create another class called **Test** class .In the **main** method, use **Scanner** to take the user to enter a number. And Call the method and pass the number to it.

Assignment 3:

Create a class called **EvenNumber**. Inside it, write a method named **checkEvenNumber** that takes one number. Use an **if-else** statement to check:

- If the number divides by 2 with no remainder, print **"Number is Even."**

- Otherwise, print **"Number is not Even."**

Create another class called **Test**.In the **main** method, use **Scanner** to ask the user to enter a number and Call the method and pass the number to it.

Assignment 4

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Create a class called **OddNumber**. Inside it, write a method named **checkOddNumber** that takes one number.Use an **if-else** statement to check:

- If the number does not divide by 2 evenly, print **"Number is Odd."**

- Otherwise, print **"Number is not Odd."**

Create another class called **Test**.in the **main** method, use **Scanner** to ask the user to enter a number and Call the method and pass the number to it.

Assignment 5:

Create a class called **RangeCheckNumber**. Inside it, write a method named **checkRange** that takes one number. Use an **if-else** statement to check:

- If the number is between 1 and 100, print **"Number is in range."**

- Otherwise, print **"Number is out of range."**

Create another class called **Test**. In the **main** method, use **Scanner** to ask the user to enter a number and Call the method and pass the number to it.

Assignment 5:

Create a class called **AgeChecker**. Inside it, write a method named **checkEligibility** that takes age as input.Use an **if-else** statement to check:

- If age is 18 or more, print **"Eligible to vote."**

- Otherwise, print **"Not eligible to vote."**

Create another class called **Test**.In the **main** method, use **Scanner** to ask the user to enter age and Call the method and pass the age to it.