

```

Scanner scan = new Scanner(System.in);
System.out.println("Enter any number:");

int num = scan.nextInt();

```

This Java code prompts the user to enter a number, reads the input using a Scanner, stores it in a variable, and then prints the entered number back to the user. Finally, it closes the Scanner to free up resources.

```

if (isPrime(num)) {
    System.out.println(num + " is a Prime Number");
} else {
    System.out.println(num + " is not a Prime Number");
}
}

```

if a number is prime (a number that can only be divided by 1 and itself). If the number is prime, it prints "is a Prime Number." If the number is not prime, it prints "is not a Prime Number." The result depends on the value of the IsPrime variable, which tells the program whether the number is prime or not.

```

public static boolean isPrime(int number) {
    if (number <= 1) {
        return false;
    }
    for (int i = 2; i <= Math.sqrt(number); i++) {
        if (number % i == 0) {
            return false;
        }
    }
    return true;
}
}

```

This code defines a method IsPrime that checks if a number is prime by testing if it can be divided evenly by any number from 2 to its square root. If it finds a divisor, it returns False otherwise, it returns False indicating the number is prime.