

```
/*
```

```
* Write a program to input a number and check and print whether it  
a pronic number or not
```

```
* (Pronic number is the number which is the product of two  
consecutive integers)
```

```
*/
```

```
import java.util.Scanner;
```

```
public class pronic {
```

```
    boolean check(int num) {
```

```
        boolean state = false;
```

```
        for (int i = 1; i <= num; i++) {
```

```
            if (i * (i + 1) == num) {
```

```
                state = true;
```

```
                break;
```

```
            }
```

```
        }
```

```
        return state;
```

```
    }
```

```
    public static void main(String[] args) {
```



```
Scanner sc = new Scanner(System.in);

    System.out.print("Enter the number: ");

    int num = sc.nextInt();

    sc.close();

    pronic obj = new pronic();

    boolean state = obj.check(num);

    if (state == true) {

        System.out.println("The entered number is a pronic number");

    } else {

        System.out.println("The entered number is not a pronic
number");

    }

}
```

Output:

Enter your name: Jasjit Singh

Enter your mobile number: 34789583445

Enter the cost of items purchased: 28547

Customer's name: Jasjit Singh

Customer's mobile number: 34789583445

Amount to be paid after discount: 24264.95
