

Program:

```
// program to find the factorial of a number

// take input from the user
const number = parseInt(prompt('Enter a positive integer: '));

// checking if number is negative
if (number < 0) {
  console.log('Error! Factorial for negative number does not exist.');
```



```
  }

// if number is 0
else if (number === 0) {
  console.log(`The factorial of ${number} is 1.`);
}

// if number is positive
else {
  let fact = 1;
  for (i = 1; i <= number; i++) {
    fact *= i;
  }
  console.log(`The factorial of ${number} is ${fact}.`);
}
```

Output:

```
Enter a positive integer: 5
The factorial of 5 is 120.
```