1. // Program to print the sum of digits in a number

```
let num = parseInt(prompt("Enter a number: "));
let sumDigits = 0;
let numCopy = num;
let expression = "";
while (num > 0) {
   let digit = num % 10;
   sumDigits += digit;
   expression = digit + (expression ? " + " + expression : "");
   num = Math.floor(num / 10);  // Remove the last digit
}

console.log(expression + " = " + sumDigits);
```

Output: Enter a number: 2698

2 + 6 + 9 + 8 = 25

2. // Program to check if prime digits are more or non-prime digits are more

```
let num = parseInt(prompt("Enter a number: "));
let primeCount = 0;
let nonPrimeCount = 0;
while (num > 0) {
   let digit = num % 10;
   if (isPrimeDigit(digit)) {
      primeCount++;
   } else {
      nonPrimeCount++;
   }
   num = Math.floor(num / 10);
```

```
}

if (primeCount > nonPrimeCount) {
   console.log("Primes are more");
} else if (nonPrimeCount > primeCount) {
   console.log("Non-primes are more");
} else {
   console.log("Primes and non-primes are equal");
}
```

Output:
Enter a number: 26987

Non-primes are more

3.
```
let num = parseInt(prompt("Enter number: "));
let factorial = 1;
let expression = "";

for (let i = num; i >= 1; i--) {
   factorial *= i;  // Calculate factorial
   expression += i + (i > 1 ? "*" : "");
}
console.log(expression + " = " + factorial);
```

output:

Enter number: 3

3*2*1 = 6