```
// Function to check if a digit is prime
function isPrimeDigit(digit) {
   if (digit < 2) return false;  // 0 and 1 are not prime
   for (let i = 2; i <= Math.sqrt(digit); i++) {
      if (digit % i === 0) return false;
   }
   return true;
}
let num = parseInt(prompt("Enter a number: "));
let nonPrimeDigits = "";

while (num > 0) {
   let digit = num % 10;
   if (!isPrimeDigit(digit)) {
      nonPrimeDigits += digit + " ";
   }
   num = Math.floor(num / 10);
}
console.log("Non-prime digits: " + nonPrimeDigits.trim());
```

Output:

```
Enter a number: 345678
Non-prime digits: 8 6 4
```

2.

```
// Program to count non-prime digits in the given number
let num = parseInt(prompt("Enter a number: "));
let countNonPrime = 0;

while (num > 0) {
   let digit = num % 10;
```

```
    if (!isPrimeDigit(digit)) {
        countNonPrime++;
    }
    num = Math.floor(num / 10);
}
console.log("Count of non-prime digits: " + countNonPrime);
```

Ouput:

```
Enter a number: 344567
Count of non-prime digits: 3
```

3. // Program to check whether even numbers are more or odd numbers are more

```
let num = parseInt(prompt("Enter a number: "));
let evenCount = 0;
let oddCount = 0;

while (num > 0) {
    let digit = num % 10;
    if (digit % 2 === 0) {
        evenCount++;
    } else {
        oddCount++;
    }
    num = Math.floor(num / 10);
}

if (evenCount > oddCount) {
    console.log("Even numbers are more");
} else if (oddCount > evenCount) {
    console.log("Odd numbers are more");
```

```
} else {
    console.log("Even and odd numbers are equal");
}
```

Output: Enter a number: 45567

Odd numbers are more