```python
In [1]: import pandas as pd

        def gcd(a:int, b:int) -> int:
            """
            Calculates greatest common divisor of 2 numbers
            """

            if (a == 0):
                return b
            return gcd(b % a, a)

        def calculate_jacobi_symbol(m:int, n:int) -> int:
            """
            Calculates Jacobi symbol for 2 given numbers
            """
            if n < 0 or not n % 2:
                raise ValueError("n should be an odd positive integer")
            if m < 0 or m > n:
                m = m % n
            if not m:
                return int(n == 1)
            if n == 1 or m == 1:
                return 1
            if gcd(m, n) != 1:
                return 0

            j = 1
            if m < 0:
                m = -m
                if n % 4 == 3:
                    j = -j
            while m != 0:
                while m % 2 == 0 and m > 0:
                    m >>= 1
                    if n % 8 in [3, 5]:
                        j = -j
                m, n = n, m
                if m % 4 == 3 and n % 4 == 3:
                    j = -j
                m %= n
            if n != 1:
                j = 0
            return j

        data = pd.read_csv('ieeja.txt', header=None)
        data.columns = ['m']
        prime_list = data['m'].values.tolist()
        a = None

        for b in prime_list:
            if not a:
                a = b
                continue

            jacobi_symbol = calculate_jacobi_symbol(a, b)
            print("Jakobi symbol for numbers {a} and {b} is: {jacobi_symbol}".format(a=a,
         b=b, jacobi_symbol=jacobi_symbol))
            a = b
```

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Jakobi symbol for numbers 3 and 5 is: -1
Jakobi symbol for numbers 5 and 7 is: -1
Jakobi symbol for numbers 7 and 11 is: -1
Jakobi symbol for numbers 11 and 13 is: -1
Jakobi symbol for numbers 13 and 17 is: 1
Jakobi symbol for numbers 17 and 19 is: 1
Jakobi symbol for numbers 19 and 2019 is: -1
```