

```
import csv
```

```
def is_prime(number):
```

```
    if number < 2:
```

```
        return False
```

```
    if number == 2:
```

```
        return True
```

```
    if number % 2 == 0:
```

```
        return False
```

```
    for i in range(3, int(number * 0.5) + 1, 2):
```

```
        if num % i == 0:
```

```
            return False
```

```
    return True
```

```
with open('input.csv', 'r') as infile:
```

```
    reader = csv.DictReader(infile)
```

```
    for row in reader:
```

```
        start = int(row['start'])
```

```
        end = int(row['end'])
```

```
Primes = [num for num in range(start, end + 1)  
           if is_prime(num)]
```



```
with open('output.csv', 'w', newline='') as outfile:  
    writer = csv.writer(outfile)  
    writer.writerow(['Total-Prime-Numbers'])  
    writer.writerow([len(prime)])
```

```
print(f" Found {len(prime)} prime numbers  
between {start} and {end}.")
```