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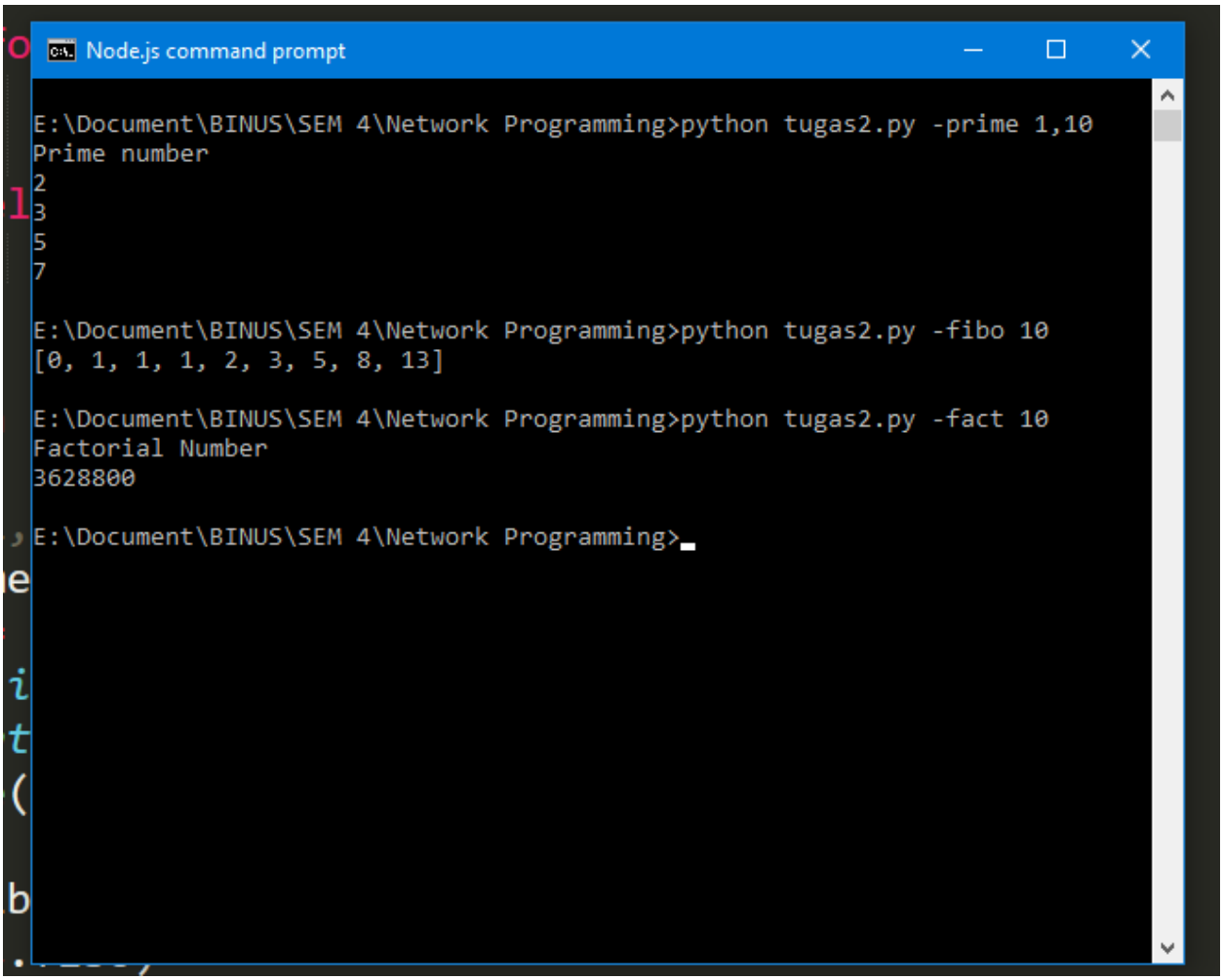
Network Programming

Screenshot



Code :

```
import argparse

parser =argparse.ArgumentParser(description='Calculate of task')
parser.add_argument('-prime','--prime', metavar='', help='Prime number format : ')
parser.add_argument('-fact','--fact',type= int, metavar='',help='Factorial number format : number')
parser.add_argument('-fibo','--fibo',type= int,metavar='', help='Fibonaci number format : number')
```

```
args = parser.parse_args()

def fib(n):
   a, b = 0, 1
   result = [0, 1]
   while a < n:
      result.append(b)
      a, b = b, a+b
   print result


def fact(n):
        print("Factorial Number")
        times=1
        for x in range(1,n+1):
                times = times *x
        return times

# fact(10)

def is_prime(awal,akhir):
        # lista =[]
        print("Prime number")
        for val in range(awal, akhir + 1):
          if val > 1:
             for n in range(2, val):
                if (val % n) == 0:
                   break
             else:
                                print (val)
        #         lista.append(val)

        # return lista

# is_prime(1,10)
if args.prime:
        result = args.prime.split(',')
        star  = int(hasil[0])
        end = int(hasil[1])
        is_prime(star,end)

elif args.fibo:
        fib(args.fibo)
elif args.fact:
        print fact(args.fact)
```