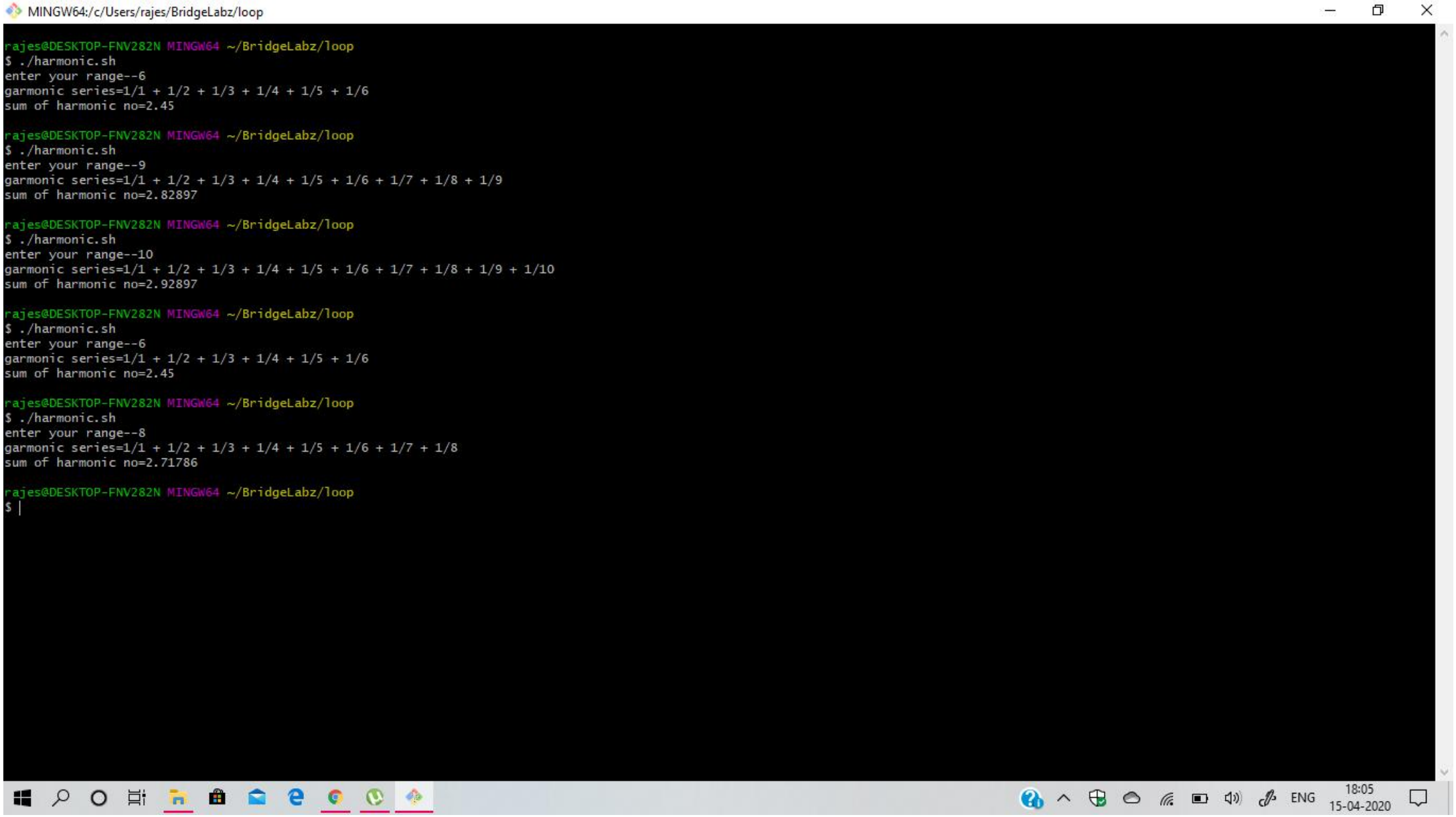
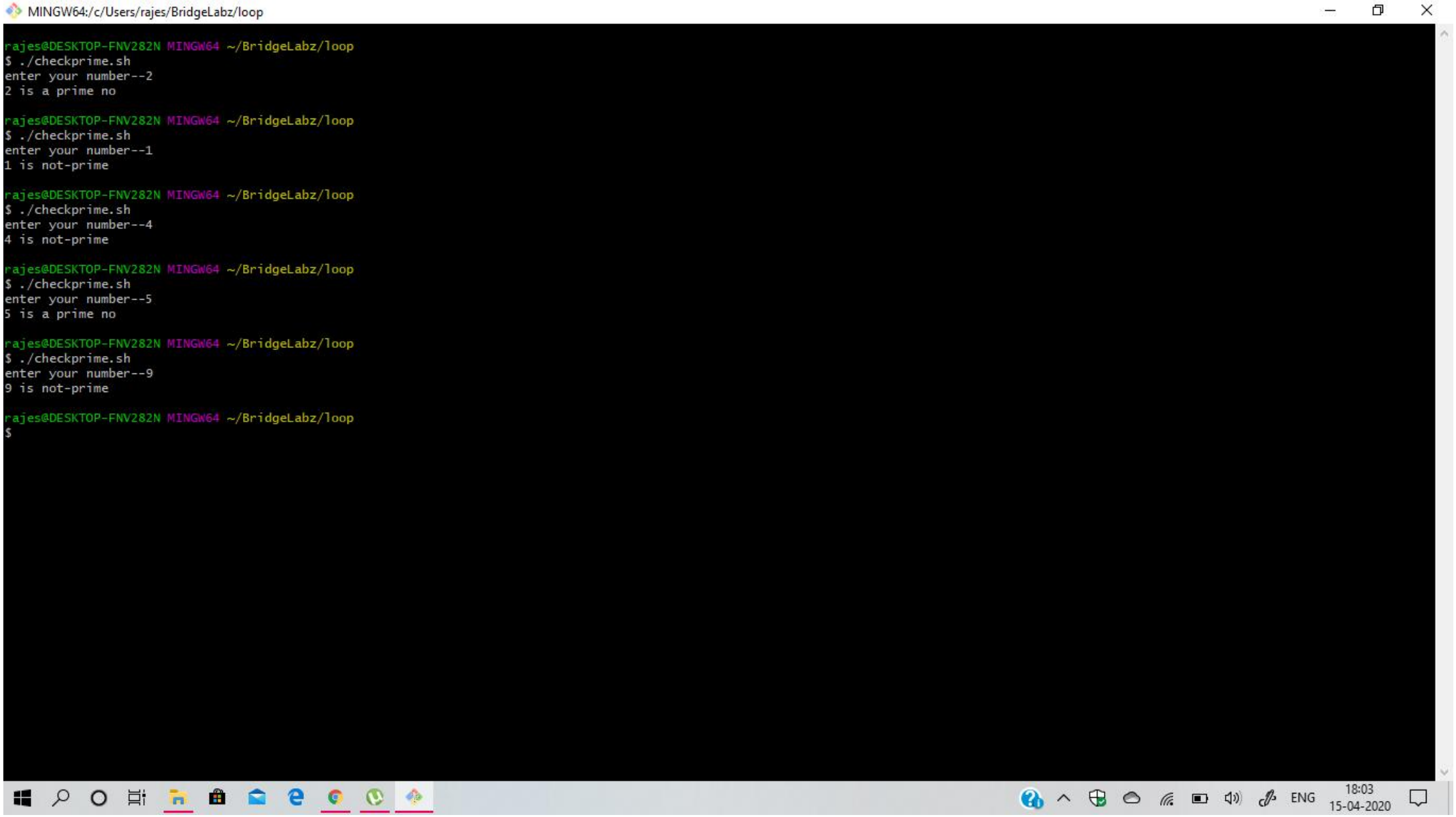
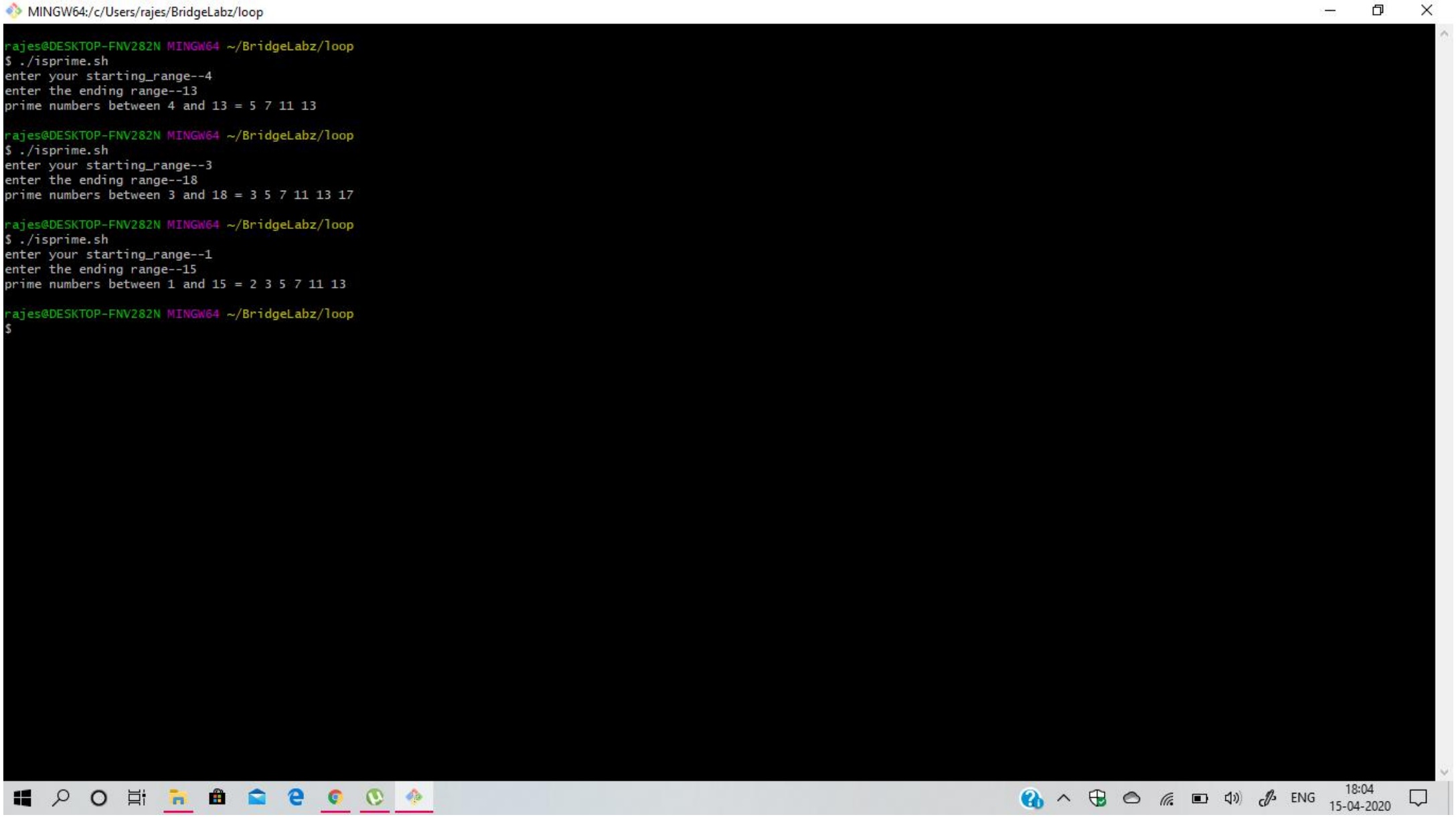
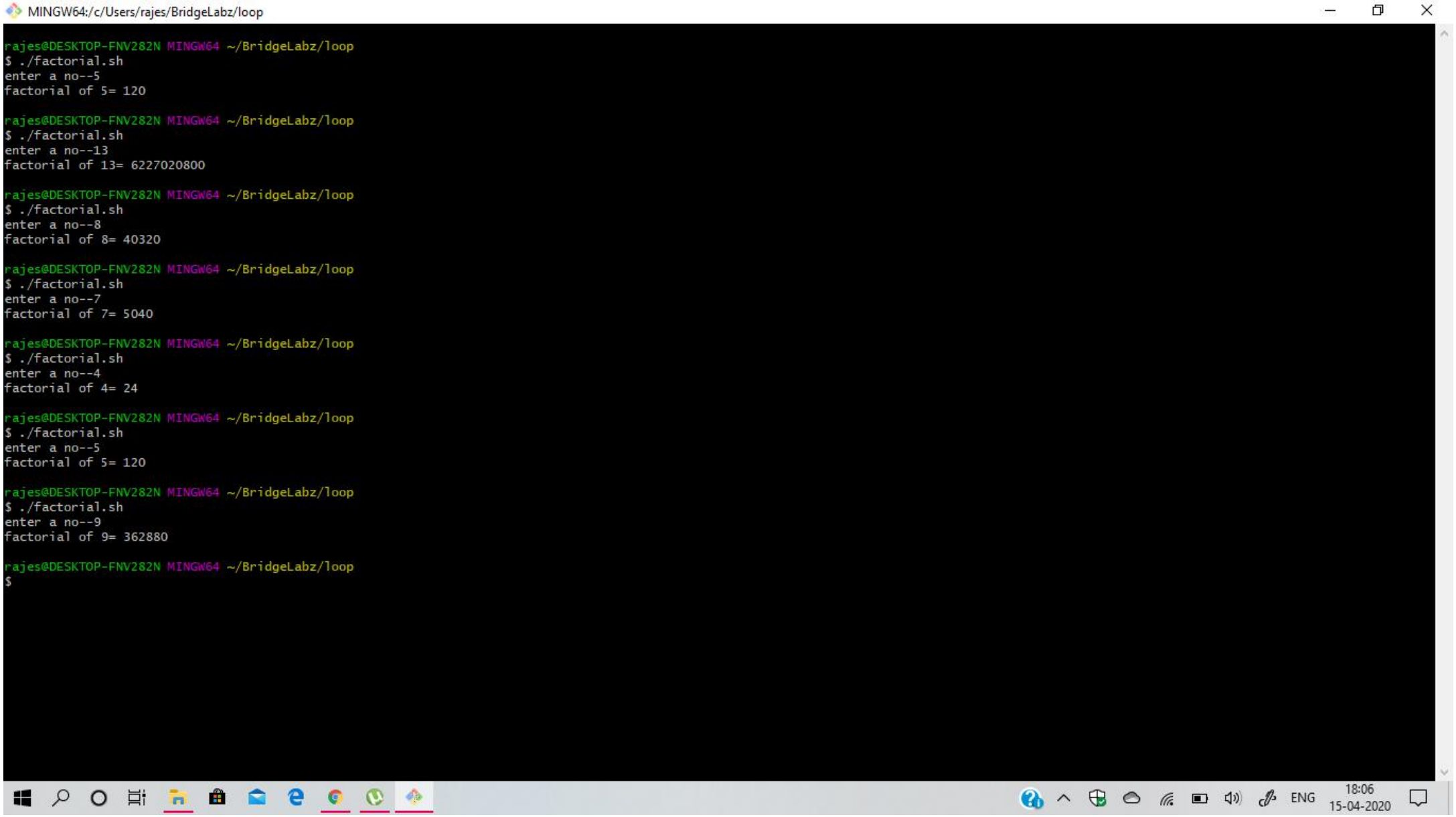
MINGW64:/c/Users/rajes/BridgeLabz/loop

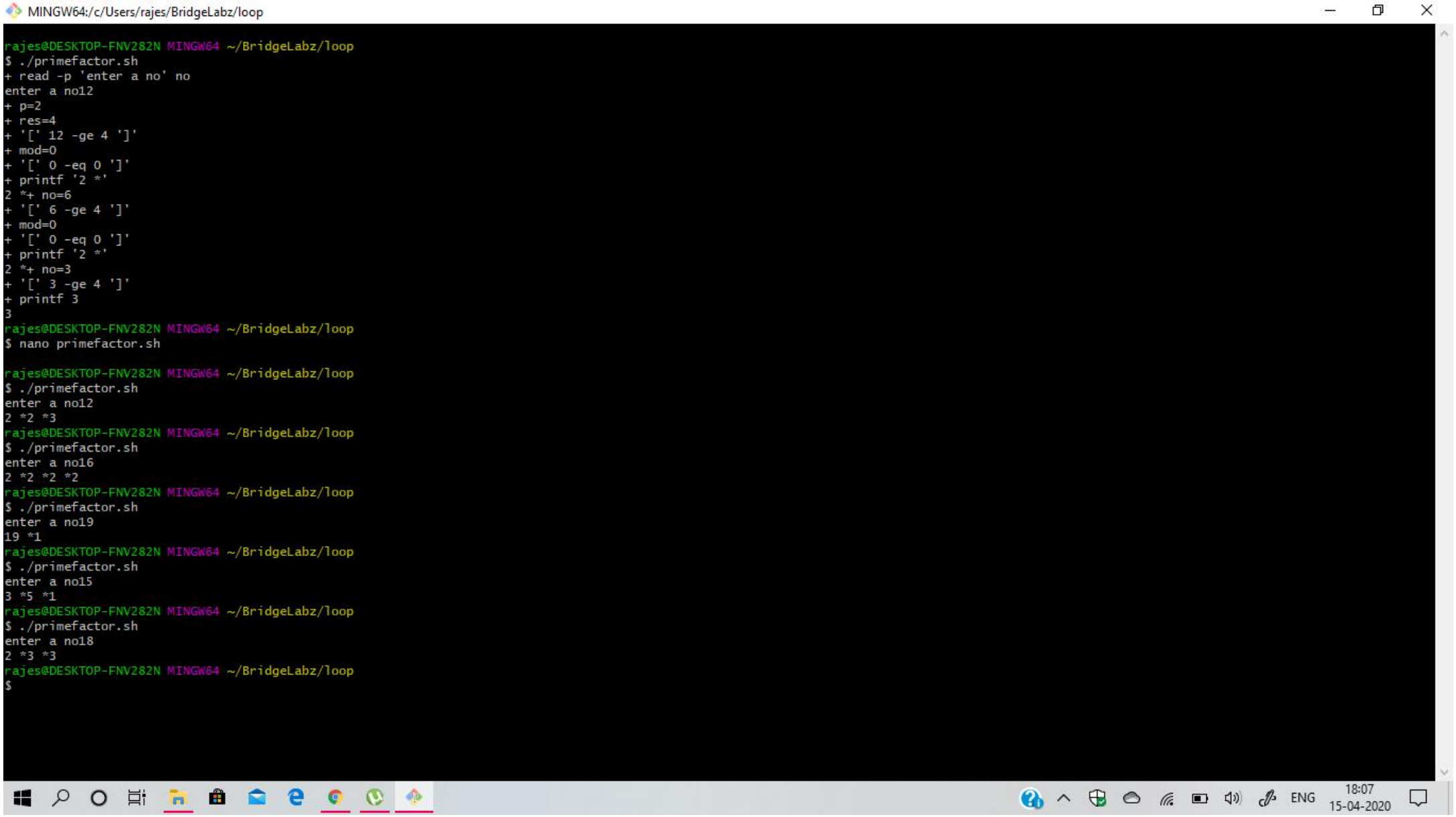
```
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ls
checkprime.sh*  coinflip.sh*  factorial.sh*  factors.sh*  gamble.sh*  harmonic.sh*  isprime.sh*  power2.sh*  power2while.sh*  primefactor.sh*  temp.sh*  txt/

rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./power2.sh
enter your range--5
2^0=1
2^1=2
2^2=4
2^3=8
2^4=16
2^5=32

rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./power2.sh
enter your range--7
2^0=1
2^1=2
2^2=4
2^3=8
2^4=16
2^5=32
2^6=64
2^7=128

rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./power2.sh
4enter your range--
2^0=1
2^1=2
2^2=4
2^3=8
2^4=16

rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$
```


MINGW64:/c/Users/rajes/BridgeLabz/loop
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./harmonic.sh
enter your range--6
garmonic series=1/1 + 1/2 + 1/3 + 1/4 + 1/5 + 1/6
sum of harmonic no=2.45
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./harmonic.sh
enter your range--9
garmonic series=1/1 + 1/2 + 1/3 + 1/4 + 1/5 + 1/6 + 1/7 + 1/8 + 1/9
sum of harmonic no=2.82897
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./harmonic.sh
enter your range--10
garmonic series=1/1 + 1/2 + 1/3 + 1/4 + 1/5 + 1/6 + 1/7 + 1/8 + 1/9 + 1/10
sum of harmonic no=2.92897
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./harmonic.sh
enter your range--6
garmonic series=1/1 + 1/2 + 1/3 + 1/4 + 1/5 + 1/6
sum of harmonic no=2.45
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./harmonic.sh
enter your range--8
garmonic series=1/1 + 1/2 + 1/3 + 1/4 + 1/5 + 1/6 + 1/7 + 1/8
sum of harmonic no=2.71786
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$
ENG
18:05
15-04-2020


MINGW64:/c/Users/rajes/BridgeLabz/loop
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./checkprime.sh
enter your number--2
2 is a prime no
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./checkprime.sh
enter your number--1
1 is not-prime
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./checkprime.sh
enter your number--4
4 is not-prime
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./checkprime.sh
enter your number--5
5 is a prime no
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./checkprime.sh
enter your number--9
9 is not-prime
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$
ENG
18:03
15-04-2020


MINGW64:/c/Users/rajes/BridgeLabz/loop
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./isprime.sh
enter your starting_range--4
enter the ending range--13
prime numbers between 4 and 13 = 5 7 11 13
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./isprime.sh
enter your starting_range--3
enter the ending range--18
prime numbers between 3 and 18 = 3 5 7 11 13 17
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./isprime.sh
enter your starting_range--1
enter the ending range--15
prime numbers between 1 and 15 = 2 3 5 7 11 13
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$
ENG
18:04
15-04-2020


MINGW64:/c/Users/rajes/BridgeLabz/loop
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./factorial.sh
enter a no--5
factorial of 5= 120
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./factorial.sh
enter a no--13
factorial of 13= 6227020800
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./factorial.sh
enter a no--8
factorial of 8= 40320
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./factorial.sh
enter a no--7
factorial of 7= 5040
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./factorial.sh
enter a no--4
factorial of 4= 24
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./factorial.sh
enter a no--5
factorial of 5= 120
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./factorial.sh
enter a no--9
factorial of 9= 362880
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$
ENG
18:06
15-04-2020


MINGW64:/c/Users/rajes/BridgeLabz/loop
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./primefactor.sh
+ read -p 'enter a no' no
enter a no12
+ p=2
+ res=4
+ '[' 12 -ge 4 ']'
+ mod=0
+ '[' 0 -eq 0 ']'
+ printf '2 *'
2 *+ no=6
+ '[' 6 -ge 4 ']'
+ mod=0
+ '[' 0 -eq 0 ']'
+ printf '2 *'
2 *+ no=3
+ '[' 3 -ge 4 ']'
+ printf 3
3
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ nano primefactor.sh
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./primefactor.sh
enter a no12
2 *2 *3
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./primefactor.sh
enter a no16
2 *2 *2 *2
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./primefactor.sh
enter a no19
19 *1
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./primefactor.sh
enter a no15
3 *5 *1
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$ ./primefactor.sh
enter a no18
2 *3 *3
rajes@DESKTOP-FNV282N MINGW64 ~/BridgeLabz/loop
$
ENG
18:07
15-04-2020