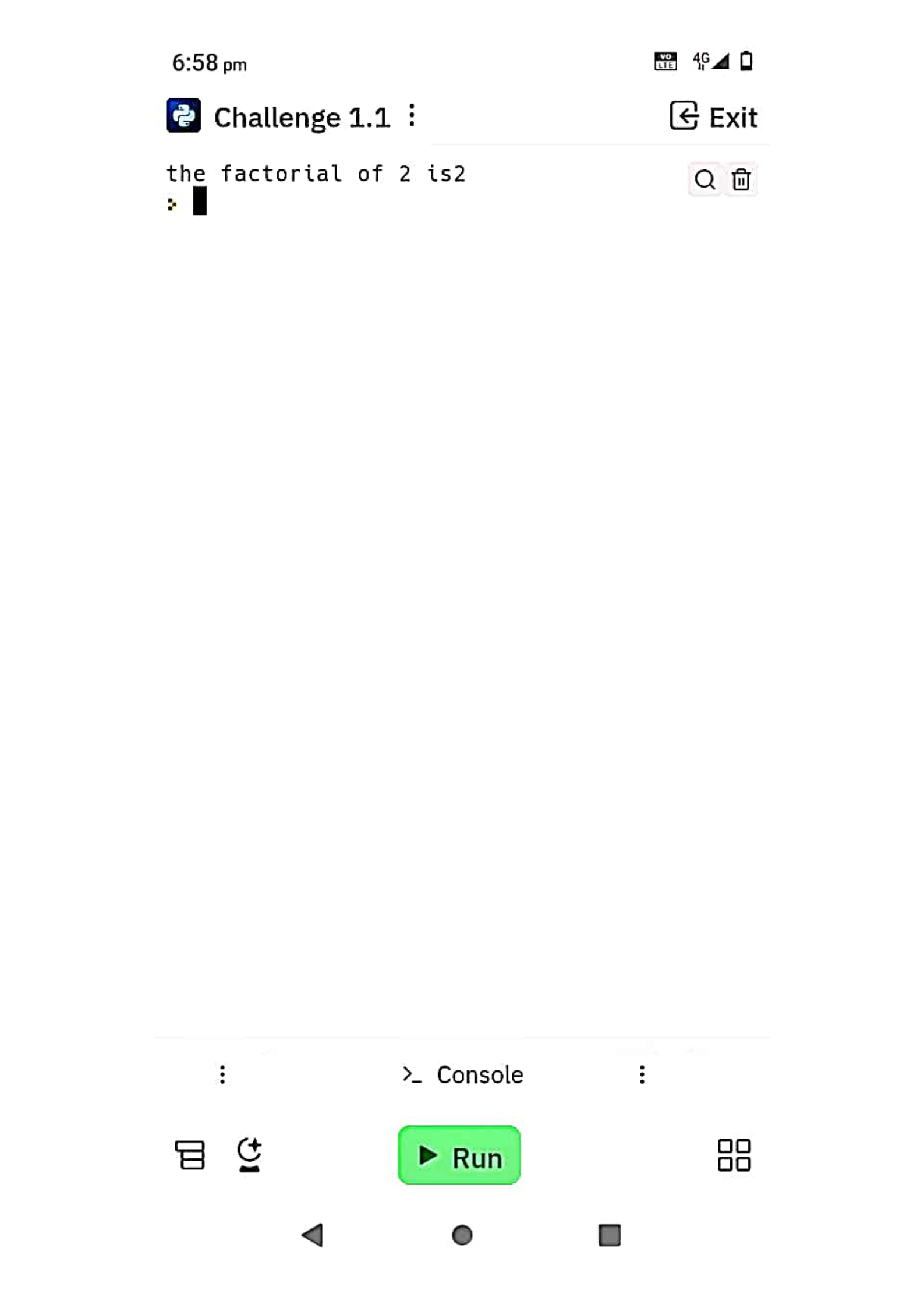
Challenge 1.1 ⋮ Exit

```python
#implemnt arecursice function to calculate the factorial og abgiven number

def fact_rec(n):
  if n==0 or n==1:
    return 1
  else:
    return n*(fact_rec(n-1))

number = 2
res = fact_rec(number )

print( "the factorial of {} is{}".format(number,res)
```

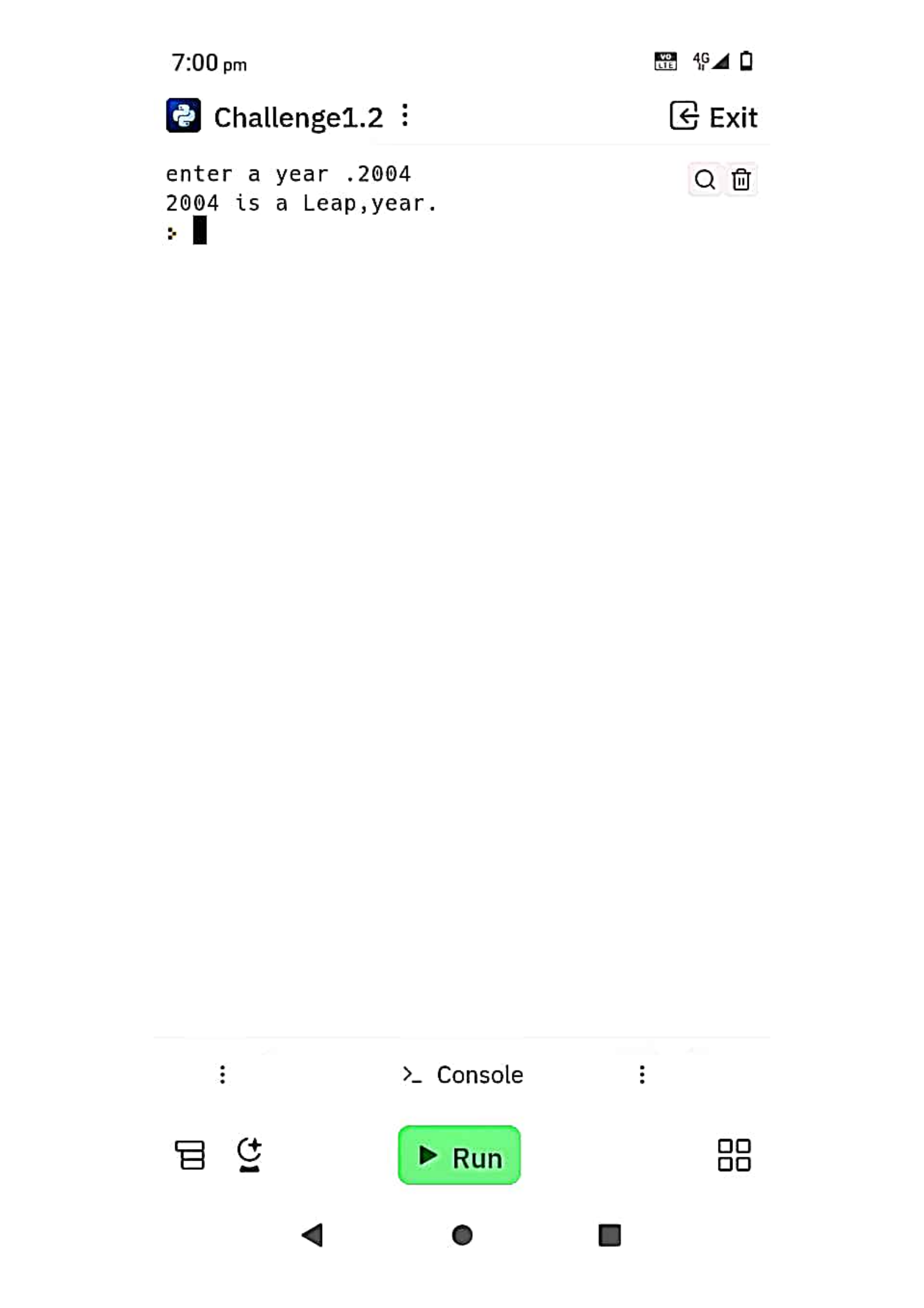
Ln 12, Col 53 • Spaces: 2 History

main.py ⋮

Run


6:58 pm
Challenge 1.1
Exit
the factorial of 2 is2
Console
Run

```
1  #Leap year
2
3  def isLeapyear(year ):
4    if(year % 4==0 and year % 100!=0)
   or year % 400==0:
5      return True
6    else:
7      return False
8
9  year=int(input ("enter a year ."))
10 if isLeapyear(year):
11   print ("{} is a Leap,year.". format
     (year))
12 else:
13     print ('{}is not a Leap year .'.
   format(year))
```


7:00 pm
Challenge1.2
Exit
enter a year .2004
2004 is a Leap,year.
Console
Run