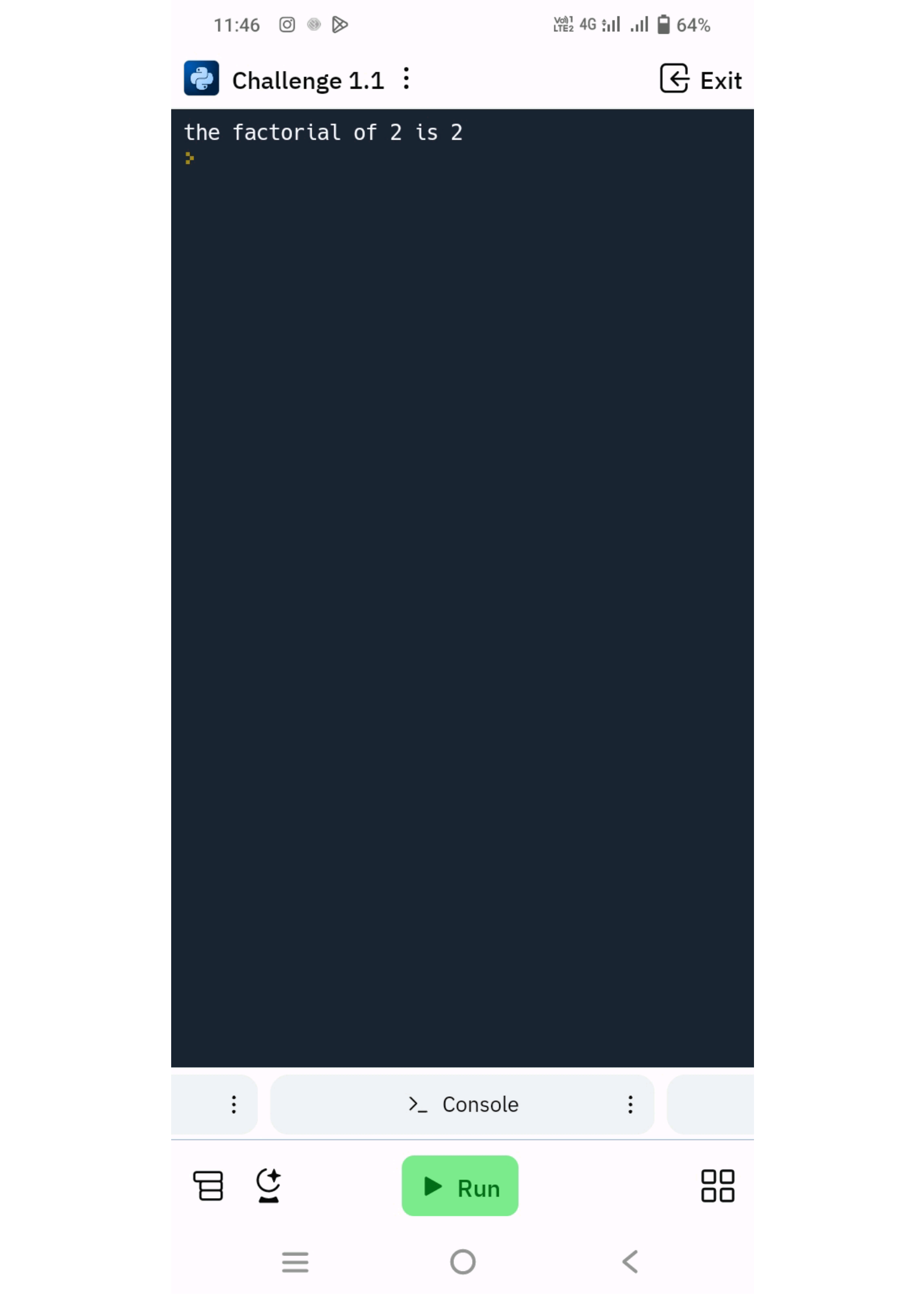
Challenge 1.1 Exit

```python
# implement a recursive function to calculate the factorial of a given 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 54 History

main.py

Run


11:46
64%
Challenge 1.1
Exit
the factorial of 2 is 2
Console
Run

Challenge 1.2 Exit

```python
#Leap year

def isLeapYear(year):
  if (year % 4==0 and year % 100 !=0) or year % 400==0:
    return True
  else:
    return False

year= int(input("enter a year."))
if isLeapYear(year):
  print("{} is a leap, year.".format(year))
else:
  print('{} is not a leap year.'.format(year))

```

Ln 1, Col 1 History

main.py

Run


12:03
61%
Challenge 1.2
Exit
enter a year.2023
2023 is not a leap year.
Console
Run