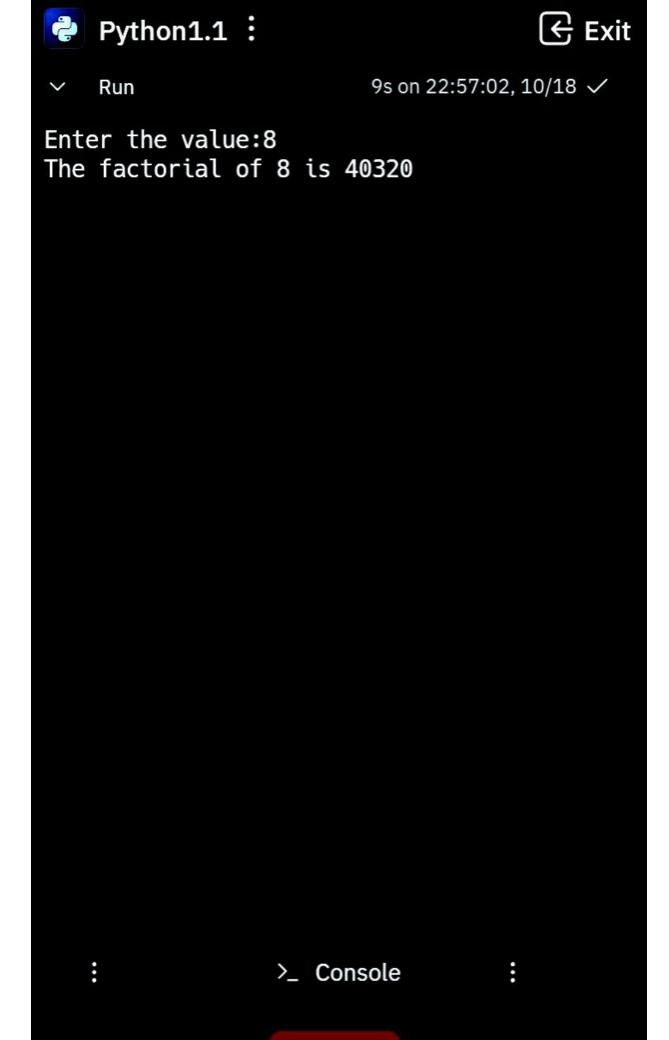
```
Python1.1
                                     🗲 Exit
    #1.1 Implement a recursive function
 1
    to calculate the factorial of a
    given number.
 2
3
4 √ def fact_rec(n):
5 \
      if n == 0 or n == 1:
        return 1
6
7 v else:
8
        return n * fact_rec(n - 1)
9
10
11
    number = int(input("Enter the
    value:"))
12
    res = fact_rec(number)
13
14
    print("The factorial of {} is
    {}".format(number, res))
15
                  Ln 1, Col 1 • Spaces: 2 History '5
                 nain.py
                     Run
```









```
🥏 Python1. 2

← Exit

 1 # Leap year
2 √ def isleapyear(year):
3 \vee \text{ if (year % 4 == 0 and year % 100)}
    != 0) or year % 400 == 0:
      return True
 4
5 v else:
6
        return False
 7
8
   year = int(input("Enter a year : "))
10 √ if isleapyear(year):
11
      print('{} is a leap
    year.'.format(year))
12 v else:
13
   print('{} is not a leap
    year.'.format(year))
14
                  Ln 1, Col 1 • Spaces: 2 History 🔊
                 🌳 main.py
                     Run
```

