

CHALLENGE 1.1 - Replit

replit.com/@BavaniAR/CHALLENGE-11

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CHALLENGE 1.1

Run

Search

Files

- main.py

Package files

- poetry.lock
- pyproject.toml

Tools

- Ghostwriter
- Deployments
- Authentication
- Chat
- Code Search
- Console
- CPU
- RAM
- Storage

Try Ghostwriter

Help

main.py

```
1 # 1.1 Implement a recursive function to calculate the factorial of a given
  number
2 import math
3 def fact(n):
4     return(math.factorial(n))
5
6 num=int(input("Enter the number:"))
7 f=fact(num)
8 print("Factorial of",num,"is",f)
9
```

Console

```
Enter the number:5
Factorial of 5 is 120
>
```

Ln 8, Col 33 History

29°C Partly cloudy 20:32 09-09-2023

CHALLENGE 1.2 - Replit

replit.com/@BavaniAR/CHALLENGE-12

CHALLENGE 1.2

Run

Search

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- main.py

Package files

- poetry.lock
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Try Ghostwriter

Help

main.py

```
1 year=int(input("Enter year to be checked:"))
2
3 if year%4==0:
4     if year%100==0:
5         if year%400==0:
6             print("The year is a leap year!")
7         else:
8             print("The year is not a leap year!")
9     else:
10        print("The year is a leap year!")
11 else:
12    print("The year is not a leap year!")
13
14
```

Console

Enter year to be checked:2004
The year is a leap year!

Ln 14, Col 1 History

20:44
11-09-2023