

problem 13



write C program to
evaluate the power series

$$e^x = 1 + \frac{x}{1!} + \frac{x^2}{2!} + \frac{x^3}{3!} +$$

...

$$0 < x < 1$$

Hint: $e^x = T_0 + T_1 + T_2 + \dots + T_n$
= sum



expected output:

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.17134.228]
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E:\IMT C pool\if conditions\p13>gcc main.c

E:\IMT C pool\if conditions\p13>a
Enter value of x:5
Terms = 21 Sum = 148.413177

E:\IMT C pool\if conditions\p13>
```

