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main.c:11:9: warning: incompatible implicit declaration of built-in function 'printf' [-Wbuiltin
]
   11 |         printf("%d): lambda = %d, k = %d, poisson_calc = %Lf\n", (i + 1),
       |         ^~~~~~
main.c:11:9: note: include '<stdio.h>' or provide a declaration of 'printf'
gcc -g -fPIC -c poisson.c -o poisson.o -lm
gcc -g -fPIC -shared -o libpoisson.so poisson.o -lm
gcc -g -fPIC -o main main.o ./libpoisson.so
● shifaakh@shifaakh-VirtualBox:~/Q3$ ./main
1): lambda = 2, k = 1, poisson_calc = 0.270671
2): lambda = 2, k = 10, poisson_calc = 0.000038
3): lambda = 2, k = 2, poisson_calc = 0.270671
4): lambda = 3, k = 3, poisson_calc = 0.224042
5): lambda = 100, k = 3, poisson_calc = 0.000000
○ shifaakh@shifaakh-VirtualBox:~/Q3$
```