

OnlineGDB

beta

online compiler and debugger for c/c++

Welcome, **Kailash Ramesh**

Problem-4.c

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Language

C

main.c

14 {

15 int n = 4; // Number of disks

16 towerOfHanoi(n, 'A', 'C', 'B'); // A, B and C are names of rods

17 return 0;

18 }

input

1 | // C recursive function to solve tower of hanoi puzzle

main.c:6:1: warning: incompatible implicit declaration of built-in function 'printf' [-Wbuiltin-declaration-mismatch]

6 | printf("\n Move disk 1 from rod %c to rod %c", from_rod, to_rod);

7 | ^~~~~~

main.c:6:1: note: include '<stdio.h>' or provide a declaration of 'printf'

main.c:10:1: warning: incompatible implicit declaration of built-in function 'printf' [-Wbuiltin-declaration-mismatch]

10 | printf("\n Move disk %d from rod %c to rod %c", n, from_rod, to_rod);

11 | ^~~~~~

main.c:10:1: note: include '<stdio.h>' or provide a declaration of 'printf'

Move disk 1 from rod A to rod B

Move disk 2 from rod A to rod C

Move disk 1 from rod B to rod C

Move disk 3 from rod A to rod B

Move disk 1 from rod C to rod A

Move disk 2 from rod C to rod B

Move disk 1 from rod A to rod B

Move disk 4 from rod A to rod C

Move disk 1 from rod B to rod C

Move disk 2 from rod B to rod A

Move disk 1 from rod C to rod A

Move disk 3 from rod B to rod C

Move disk 1 from rod A to rod B

Move disk 2 from rod A to rod C

Move disk 1 from rod B to rod C

...Program finished with exit code 0

Press ENTER to exit console.