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#Welcome to GDB Online.

# GDB online is an online compiler and debugger tool for C, C++, Python, PHP, Ruby,

# C#, OCaml, VB, Perl, Swift, Prolog, Javascript, Pascal, COBOL, HTML, CSS, JS

# Code, Compile, Run and Debug online from anywhere in world.

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#include <stdio.h>

#int main()

#{

# printf("Hello World");

#

# return 0;

#}

def fib10():

x=[1]

append=1

while len(x)!=10:

x.append(append)

print(x)

append+=x[len(x)-2]

#print("append=",append)

print(x)

fib10()

print()

def toCelcius(x):

y=(x-32)\*5/9

print(x,"fahrenheit is",y,"celcius")

return y

t1=toCelcius(100)

t2=toCelcius(50)

t3=toCelcius(60)

t4=toCelcius(70)

t5=toCelcius(80)

t6=toCelcius(90)

print()

#print("t1=",t1,"t2=",t2,"t3=",t3,"t4=",t4,"t5=",t5,"t6=",t6)

def fib(n):

x=[1]

append=1

while len(x)!=n:

x.append(append)

print(x)

append+=x[len(x)-2]

#print("append=",append)

print("the",n,"term in the fibonacci sequence is",x[n-1])

fib(10)

fib(2)

fib(5)

fib(1)

fib(30)

print()

def intsum(n):

x=[1]

while len(x)<n:

x.append((x[len(x)-1])+1)

print("the sum of all numbers from 1 to",n,"is",sum(x))

intsum(700)