

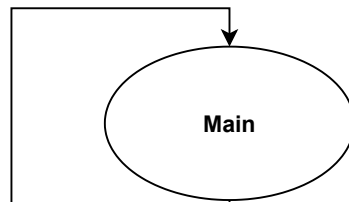
Author: Jacob Gower
Date: 02/01/2021
Purpose: Size of Shapes

System Libraries:
iostream
iomanip

User Libraries:
None

Global Constants:
None

Function Prototypes:
None



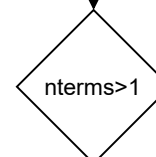
Declare Variables:
x, fx, term;
nterms;

Output:
"Calculate a series
 $f(x)=x-x^3/3!+x^5/5!-x^7/7!+.....$ "
endl;

Output:
"Input x and the number
of terms, output f(x)"
endl;

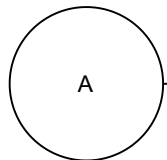
Input:
x, nterms;

fx=term=x



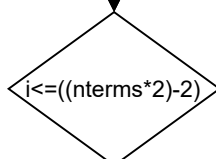
True

A



Initialize Variables:
i=2
k=-1

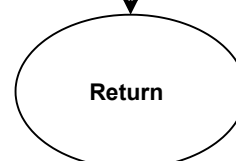
i+=2,
k*=-1



True

term*=(x/i)*(x/i+1);
fx*=term*k;

Output:
fixed;
showpoint;
precision(6);
fx
endl;



Return