|  |
| --- |
|  |
| #include<function.h> |
|  | #include<stdio.h> |
|  | #include<math.h> |
|  |  |
|  | int add(int input1,int input2) |
|  | { |
|  | int result = input1+input2; |
|  | return result; |
|  | } |
|  |  |
|  |  |
|  | int multiply(int input1,int input2) |
|  | { |
|  | int result = input1\*input2; |
|  | return result; |
|  | } |
|  |  |
|  |  |
|  | int subtract(int input1,int input2) |
|  | { |
|  | int result = input1-input2; |
|  | return result; |
|  | } |
|  |  |
|  |  |
|  | int divide(int input1,int input2) |
|  | { |
|  | int result = input1/input2; |
|  | return result; |
|  | } |
|  |  |
|  | double squareroot(double triginput) |
|  | { |
|  | double result = sqrt(triginput); |
|  | return result; |
|  | } |
|  |  |
|  | int modulus(int input1,int input2) |
|  | { |
|  | int result = input1 % input2; |
|  | return result; |
|  | } |
|  |  |
|  | int fact(int input1) |
|  | { |
|  | int factiterator,fact =1; |
|  | if (input1 < 0) |
|  | printf("Error! Factorial of a negative number doesn't exist."); |
|  | else { |
|  | for (factiterator = 1; factiterator <= input1; ++factiterator) { |
|  | fact \*= factiterator; |
|  | } |
|  | return fact; |
|  | } |
|  | } |
|  |  |
|  | double cosine(double triginput) |
|  | { |
|  | double result = cos(triginput); |
|  | return result; |
|  |  |
|  | } |
|  | double sine(double triginput) |
|  | { |
|  | double result = sin(triginput); |
|  | return result; |
|  |  |
|  | } |
|  | int power(int input1,int input2) |
|  | { |
|  | int result = pow(input1,input2); |
|  | return result; |
|  | } |
|  |  |