IEEE Compliance Report---Arithmetic Exception Handling

1. Platform: Operation System0: Windows 10; IDE: Visual Studio 2015
   Operation System1:: MacOS 10.13.3; IDE: CodeBlock

2. Result

1) Integer overflows: 47th or above Fibonacci number causes overflow, returns negative number.
2) Integer divided by 0: throw an `ArithmeticExceptionHandling.exe'`
3) Float overflows: using Fibonacci numbers and the 1477th element is overflow.
4) Floating point operations including plus, minus, multiplication and division of INF, NINF and NaN, function 1/x, sin(x), exp(x) with x equals to INF, NINF and NaN consistent with IEEE standard.
5) The signed zero handling by preforming given functions consistent with IEEE standard
6) Observed behavior of floating point gradual underflow by choosing proper x, y.