Lab 04 - Getting data from the UI
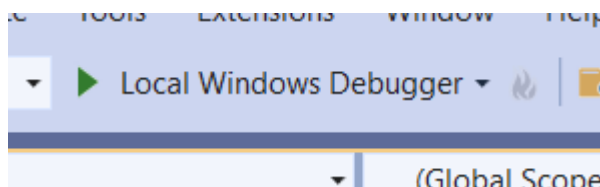
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1. How to compile and run your project

- Open the source, double click to file FractionDisplay.sln

- At that file, click on Local Window Debugger

You can see the result on the console

2. My Infomation

- Student ID: 20127166
- Name : Nguyễn Huy Hoàn

3.List of what I have done?

```
class Integer
{
public:
    long long gcd(long long a, long long b);
    static bool isValid(string s); // check the string can convert to a number
};

class RandomIntegerGenerator
{
public:
    RandomIntegerGenerator();
    long long next(long long left, long long right);
};

class Fraction{
```

```
private:
    long long _num;
    long long _den;
public:
    long long getNum();
    long long getDenom();
    void setNum(int val);
    void setDenom(int val);
    void LowestTerm();
    void Print();
};



class FractionToStringUIConverter {
public:
    static bool isValidFormat(string);
    string convert(Fraction& f);
    static tuple<bool, Fraction, int, string> convertBack(string s);
};
```

4. List of what I haven't done?

- nothing

5. Expected grade : 9.0