CS-200: Programming I
Fall 2017
Northeastern Illinois University
PLTL: Week of 10/03/17
Looping

Practice Problem #1

- Write a program that has the class name `Problem1` and that has the `main` method. The `main` method should take user input for one integer.

- The create another method called `isPrime` that is void and takes one integer as a parameter. .

- Write a third method named `check` that returns a boolean and takes an integer as a parameter.

- The program should print out `true` if the number entered by the user is prime and `false` if otherwise.

- Several sample runs are provided for you below. Your output must be formatted **exactly** like the sample runs below. Note that while your output must be formatted as below, you will not get the same results as this uses random numbers.

```
Enter n: 5
true
```

```
Enter n: 9
false
```

Practice Problem #2

- Write a program that has the class name `Problem2` and that has the `main` method.

- IAsk the user to enter integers until 3 consecutive inreasing integers are enter.

- The program should display the sum of all the integers entered.

- Several sample runs are provided for you below. Your output must be formatted **exactly** like the sample runs below.

```
Enter an int: 3
Enter an int: 4
Enter an int: 5
12
```

```
Enter an int: 20
Enter an int: -2
Enter an int: -1
Enter an int: 0
17
```

```
Enter an int: 1
Enter an int: 7
Enter an int: 8
Enter an int: 2
Enter an int: 9
Enter an int: 10
Enter an int: 11
48
```