

## **Quiz 6: Algorithms-B**

December 7, 2016

Q 1: Prime number is a number which is divisible only by 1 and itself. Write a code to check if a number is prime or not.

```
IsPrime(int num){}
```

Q 2: Given 2 strings, a and b, find if string b is a substring of a.

```
ContainsStr(str a, str b) {}
```

Code both in c++, without using any library function.

Check correctness of your code after taking sample input and dry running on it.

What will be the complexity of both 1) and 2)?