

15-110 recitation 03

Recap:

- if/elif/else statements, nested if statements, functions and calling functions
- Circuits and gates (potentially excluding flip-flops)

Reminders!

HW-2 Check-In due Monday @ Noon!

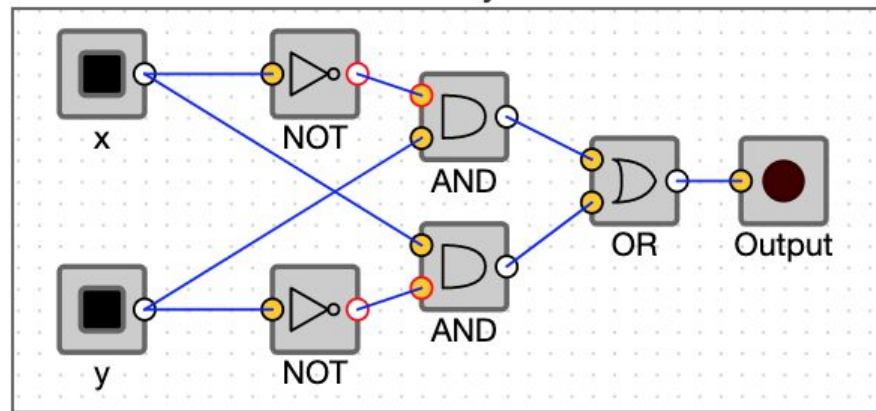
Problems

Circuits & Gates

Learning Objective

-create a truth table from the following circuit

Problem

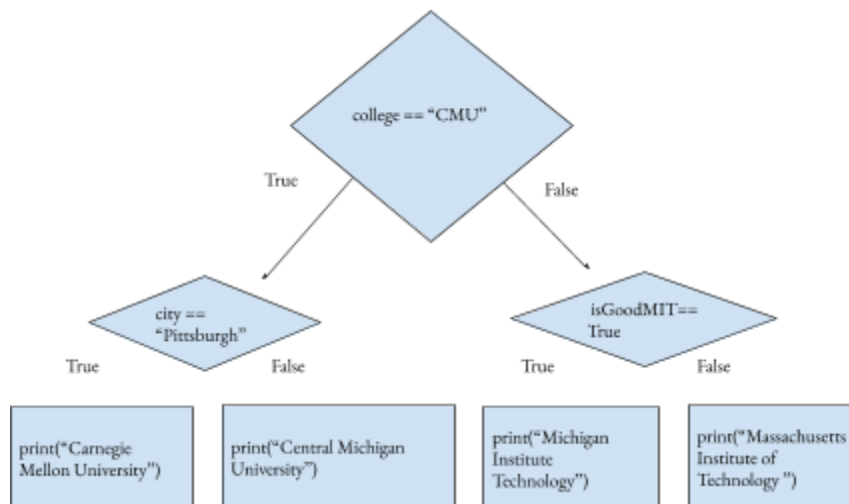


control flow -> code

Learning Objective

-convert this into code!

Problem



code trace

Learning Objective

-trace if/elif/else

Problem

```
def f(a, b, c):  
    result = 'A'  
    if (a>b):  
        result += 'B'  
    elif (b>c):  
        result += 'C'  
    if (a>c):  
        result += 'D'  
    else:  
        result += 'E'  
    result += 'F'  
    return result
```

isKindaPrime

Learning Objective

-convert this into code!

Problem

-write a function **isKindaPrime(number)** that takes in a number and returns True if the number is not divisible by 2, not divisible by 3 and not divisible by 5. Otherwise output False.

isKindaPrime(7) -> True
isKindaPrime(31)->True
isKindaPrime(18)->False

