Introduction to Computer Programming

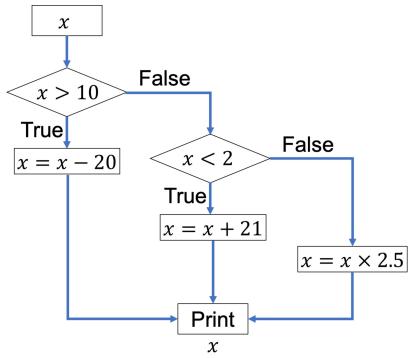
2.1 Control Flow



In-class Demos

Example 1:

Write a program to modify the initial value of the variable x and print the new value, as shown in the flow diagram.



In [15]:

12.5

Let's remind ourselves of an example from last week.

Is it lunchtime?

True if time between lunch start and end times.

False if not.

Is it time for work?

True if time between work start and end times and not lunchtime.

False if not.

Let's build on the example from last week by including control statements.

Example 2:

Write a program that tells the user what acitivty to do based on the time of day.

- · eat lunch if it is lunchtime
- · do work if it is time for work
- · go home if it is before or after work

In [17]:

Do work