**High Level Diagram of a Computer System**

In class we discussed components of typical computer systems ranging from smartphones to store checkout counter

 Communication

Microphone Display

Keyboard/keypad Loudspeaker

Primary Storage/Memory

 (**volatile**)

 Programs and Data

Magnetic card reader Printer(s)

Scale Cash drawer lock

Processor - Arithmetic and Logic

Camera

 Bar code scanner

Secondary Storage

 (***not* volatile**)

# Primary Storage/Memory Map - Example

My Personal Computer at Home when I Prepare for Class

Operating System

Browser

Spreadsheet

Word Processor

Available for programs