1. Identify the different components and decide how to assemble the camera

**GPIO**
- General Purpose Inputs and Outputs (Button)

**USB**
- Universal Serial Bus (Mouse)

**Ethernet**
- (Internet)

**Memory Card**
- Storage device

**Micro USB**
- Power

**HDMI**
- High definition media interface

**CSI**
- Camera Serial Interface

**Video and Audio Jack**

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2. Assemble your Raspberry Pi Camera
3. Discuss the pseudo code
4. Find where in the code takes a user input. Switch the buttons (22,17).

   Camera off..........22  
   Take a picture.......17
   Pi off..................23

5. Change the settings of the picture. Define and discuss the different settings.

   camera.hflip=true
   camera.image_effect=‘sketch’ ‘oilpant’ ‘watercolor’
   camera.brightness=80

6. Use the “sleep” command to time taking several pictures

7. Change the overlay text "You are beautiful” “Looking fabulous”