Ben Deatsman Classwork 1c

4k UHD monitors have a resolution of 3840x2160. Create twovariables, width and height, and store 3840 and 2160 in them(respectively).

```
In [11]: w = 3840
         h = 2160
```

How many total pixels are in a display with this resolution? Hint: fill in the blanks with variable names: pixels = ___ * ___.

```
In [12]: pixels = w*h
         pixels
```

Out[12]: 8294400

Programmatically assess if a 4k monitor is greater than 8,000,000 pixels but less than 9,000,000. If so, print out '4k UHD monitor has between 8,000,000 - 9,000,000'.

```
In [13]: if pixels > 9000000:
             print ("4K UHD monitor has greater than 9,000,000 pixels")
         elif pixels < 8000000:
             print ("4K UHD monitor has less than 9,000,000 pixels")
         else:
             print ("4K UHD monitor has between than 8,000,000 - 9,000,000 pixels")
```

    4K UHD monitor has between than 8,000,000 - 9,000,000 pixels

```
In [ ]:
```