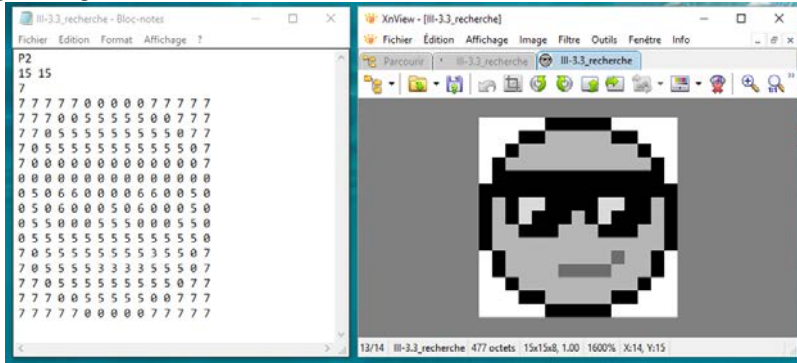


## Handout 42. Encoding grayscale images

### Research: Understanding how a grayscale image is encoded

The same file, named III-3.3\_research\_grayscale, is opened on the left using a text editor and on the right using an image editor:



**Instructions:** Explain what conclusion you can come to on how to encode a grayscale image.

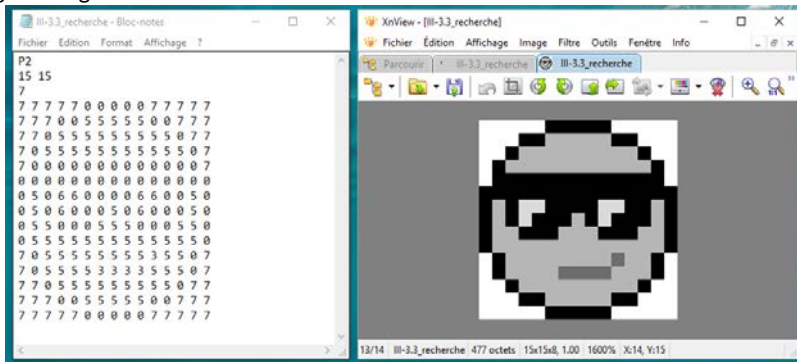
### Challenge

Encode this grayscale in the file III-3.3\_challenge\_grayscale\_blank.pbm and view it onscreen (don't forget the white pixel on the left!).



### Research: Understanding how a grayscale image is encoded

The same file, named III-3.3\_research\_grayscale, is opened on the left using a text editor and on the right using an image editor:



**Instructions:** Explain what conclusion you can come to on how to encode a grayscale image.

### Challenge

Encode this grayscale in the file III-3.3\_challenge\_grayscale\_blank.pbm and view it onscreen (don't forget the white pixel on the left!).

