Projet 1

1] Programme permettant de réaliser de l'ASCII art

```
import PIL.Image

img_flag = True
path = input("Enter the path to the image field : \n")

try:
  img = PIL.Image.open(path)
  img_flag = True
except:
  print(path, "Unable to find image ");

width, height = img.size
aspect_ratio = height/width
new_width = 120
new_height = aspect_ratio * new_width * 0.55
img = img.resize((new_width, int(new_height)))

img = img.convert('L')

chars = ["@", "J", "D", "%", "*", "P", "+", "Y", "$", ",", "."]

pixels = img.getdata()
new_pixels = [chars[pixel//25] for pixel in pixels]
new_pixels = ''.join(new_pixels)
new_pixels_count = len(new_pixels)
ascii_image = [new_pixels[index:index + new_width] for index in range(0, new_pixels_count, new_width)]
ascii_image = "\n".join(ascii_image)

with open("ascii_image.txt", "w") as f:
 f.write(ascii_image)
```

2] Travail à faire

* Appliquer ce programme à différentes images ;
* Expliquer ce code en détails dans un fichier .md