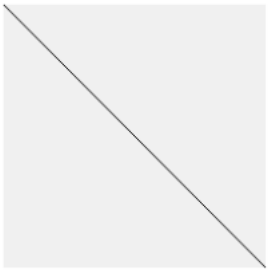
La représentation d'une image par une machine

Correction

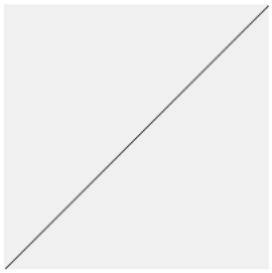
Correction python

```
im = Image . new ( “RGB“ , (800 ,800), “grey“ )
for k in range (800) :
   im . putpixel (( k ,400) ,(255 ,255 ,255) )
im . save ( “image.png“,“png“ )
```



Correction python

```
im = Image . new ( “RGB“ , (800 ,800), “grey“ )
for k in range (800) :
   im . putpixel (( k, k ) ,(0 ,0 ,0) )
im . save ( “image.png“,“png“ )
```



Correction python

```
im = Image . new ( “RGB“ , (800 ,800), “grey“ )
for k in range (800) :
im . putpixel ((799 - k, k ) ,(0 ,0 ,0) )
im . save ( “image.png“, “png“ )
```


Correction python

```
im = Image . new ( “RGB“ , (800 ,800), “grey“ )
for k in range (0 ,800 ,2) :
   im . putpixel (( k ,400) ,(0 ,0 ,0) )
im . save ( “image.png“, “png“ )
```

Correction python

Méthode 1

```
im = Image . new ( “RGB“ , (800 ,800), “grey“ )
for k in range (400) :
   im . putpixel (( k ,400) ,(255 ,0 ,0) )
for k in range (400 ,800) :
   im . putpixel (( k ,400) ,(0 ,0 ,255) )
im . save ( “image.png“ ,”png“ )
```

Méthode 2

```
im = Image . new ( “RGB“ , (800 ,800), “grey“ )
for k in range (800) :
   if k<400 :
      im . putpixel (( k ,400) ,(255 ,0 ,0) )
   else :
      im . putpixel (( k ,400) ,(0 ,0 ,255) )
im . save ( “image.png“ ,”png“ )
```

Correction python drapeau français

```
“““ dimension et couleur : source wikipedia “““
im = Image . new ( “RGB“ , (900 ,450) , “grey“ )
for l in range (450) :
   for c in range (900) :
      if c<300 :
         im . putpixel (( c, l ) ,(5 ,20 ,64) )
      elif c<600 :
         im . putpixel (( c, l ) ,(255 ,255 ,255) )
      else :
         im . putpixel (( c, l ) ,(236 ,25 ,32) )
im . save ( “image.png“ ,”png“ )
```