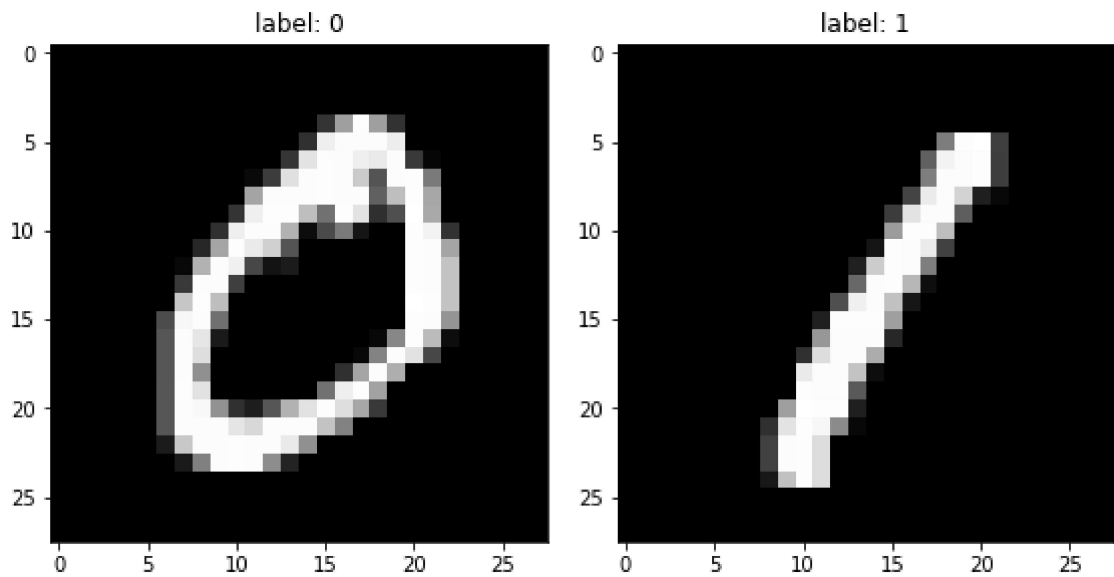

RESULTS

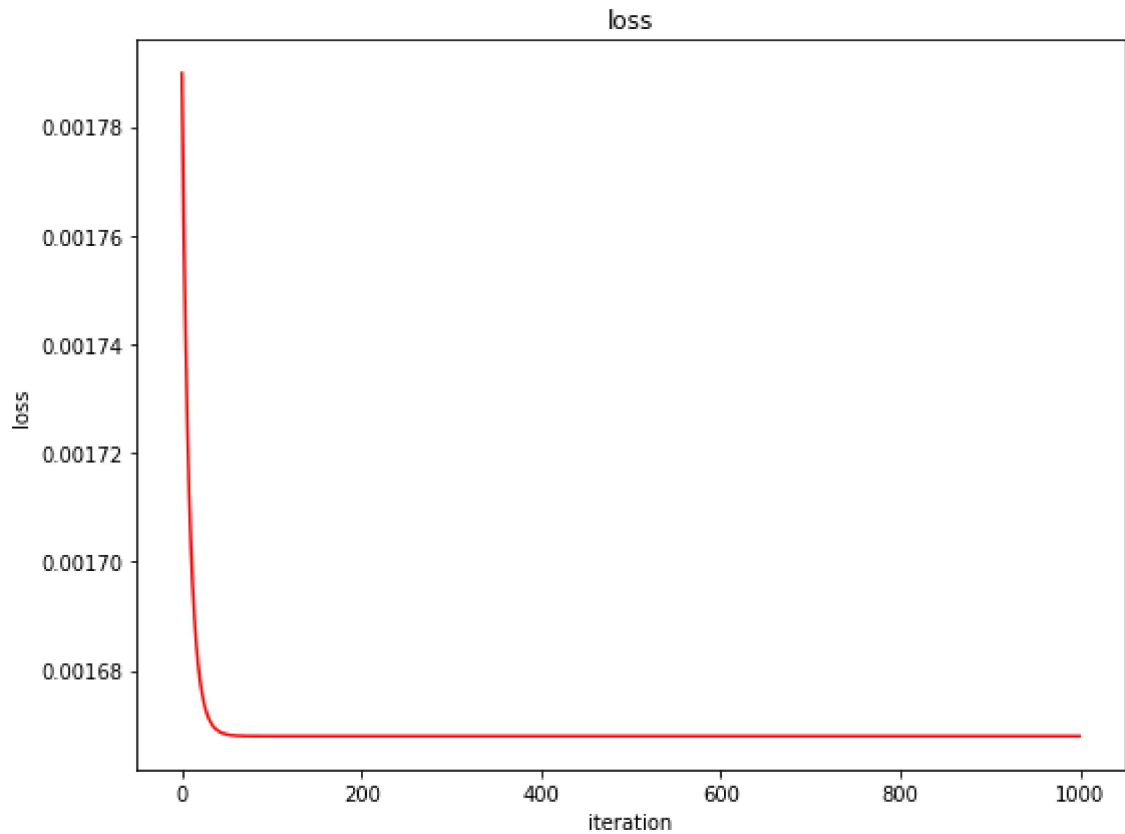
01. plot the input images (left: image 0, right: image 1)

```
In [ ]: function_result_01(im_0, im_1)
```



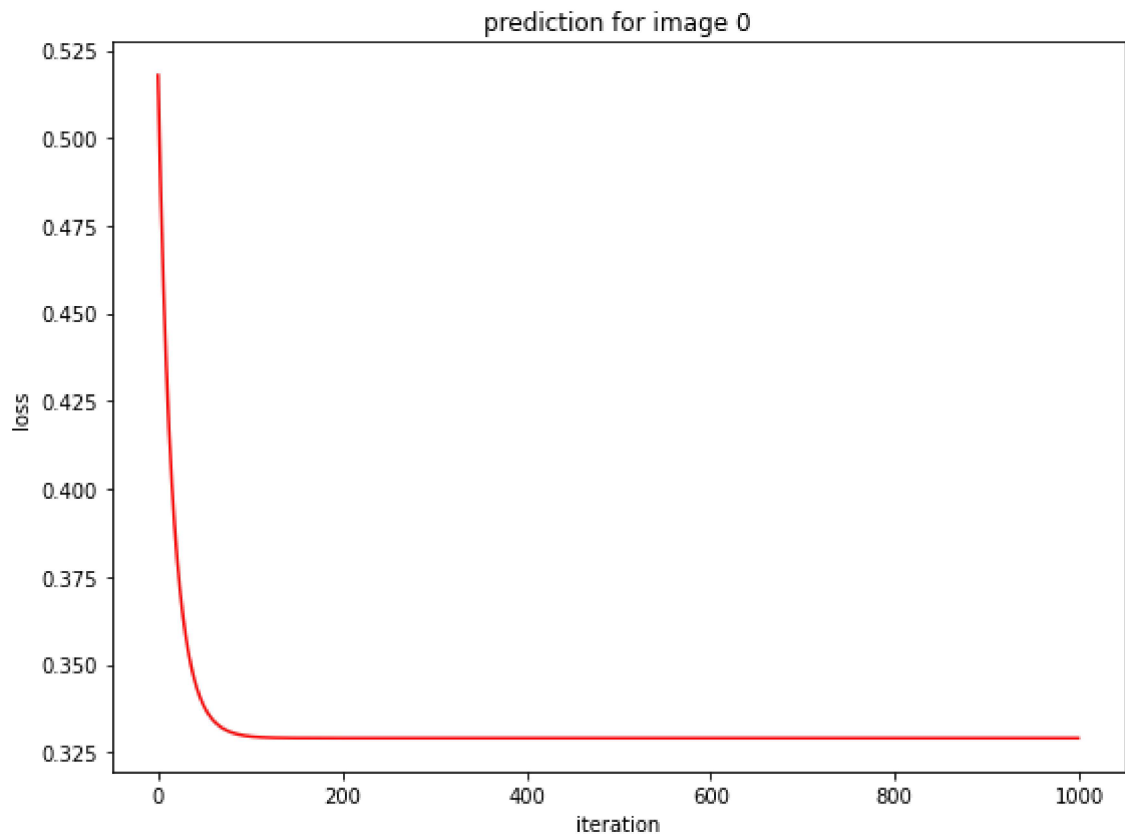
02. plot the loss curve (x-axis: iteration, y-axis: loss)

```
In [ ]: function_result_02(loss_iteration)
```



03. plot the prediction value for image 0 (x-axis: iteration, y-axis: prediction)

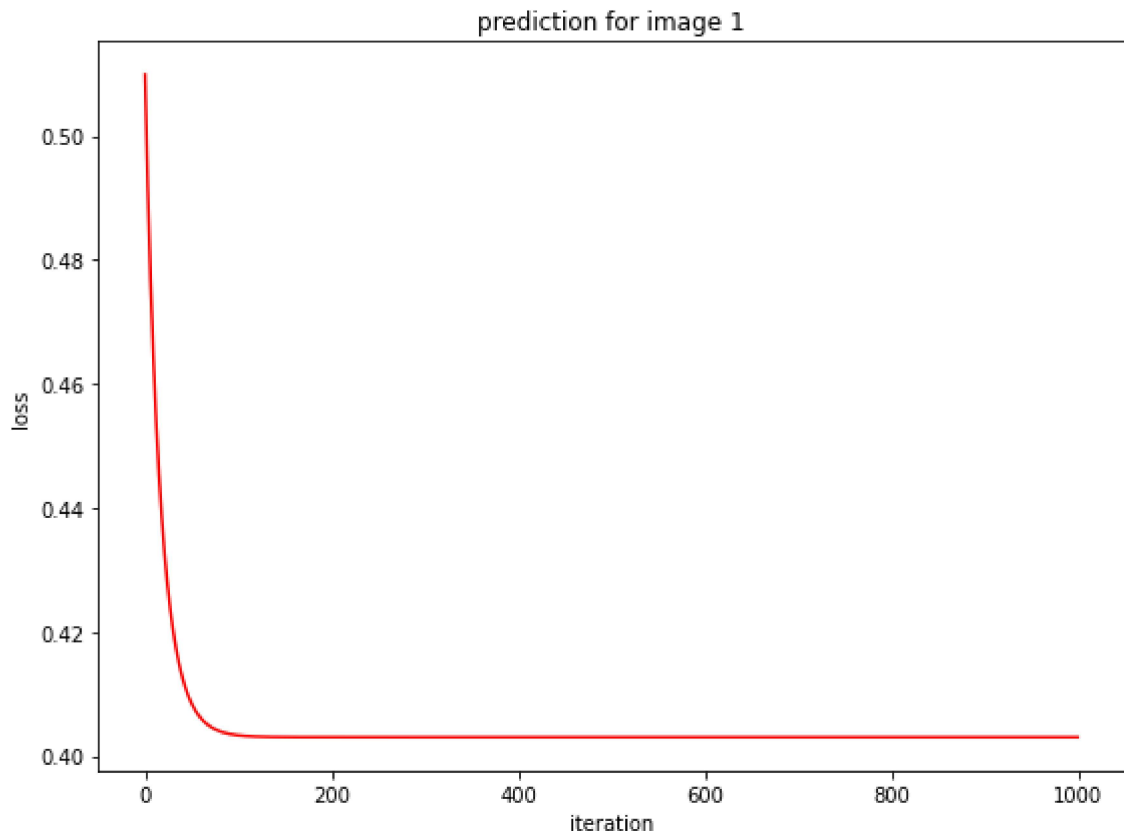
```
In [ ]: function_result_03(pred_0_iteration)
```



04. plot the prediction value for image 1 (x-axis:

iteration, y-axis: prediction)

```
In [ ]: function_result_04(pred_1_iteration)
```



05. print the loss values at iterations 0, 100, 200, 300, 400, 500, 600, 700, 800, 900

```
In [ ]: function_result_05()
```

```
iteration = 0, loss = 0.0017898732
iteration = 100, loss = 0.0016679377
iteration = 200, loss = 0.0016679367
iteration = 300, loss = 0.0016679367
iteration = 400, loss = 0.0016679367
iteration = 500, loss = 0.0016679367
iteration = 600, loss = 0.0016679367
iteration = 700, loss = 0.0016679367
iteration = 800, loss = 0.0016679367
iteration = 900, loss = 0.0016679367
```

06. print the prediction values for image 0 at iterations 0, 100, 200, 300, 400, 500, 600, 700, 800, 900

```
In [ ]: function_result_06()
```

```
iteration = 0, pred im0 = 0.5179514763
iteration = 100, pred im0 = 0.3294700550
iteration = 200, pred im0 = 0.3289619279
iteration = 300, pred im0 = 0.3289602853
iteration = 400, pred im0 = 0.3289602800
iteration = 500, pred im0 = 0.3289602799
iteration = 600, pred im0 = 0.3289602799
iteration = 700, pred im0 = 0.3289602799
iteration = 800, pred im0 = 0.3289602799
iteration = 900, pred im0 = 0.3289602799
```

07. print the prediction values for image 1 at iterations 0, 100, 200, 300, 400, 500, 600, 700, 800, 900

In []:

```
function_result_07()
```

```
iteration = 0, pred im1 = 0.5098951805
iteration = 100, pred im1 = 0.4033396547
iteration = 200, pred im1 = 0.4030345512
iteration = 300, pred im1 = 0.4030335646
iteration = 400, pred im1 = 0.4030335614
iteration = 500, pred im1 = 0.4030335614
iteration = 600, pred im1 = 0.4030335614
iteration = 700, pred im1 = 0.4030335614
iteration = 800, pred im1 = 0.4030335614
iteration = 900, pred im1 = 0.4030335614
```