

In the cats vs dogs example we have took the values as given in the instructions such as 500, 1000 etc. In the code we have increased the values step by step and the result can be seen such as the above case.

We have used the small dataset and run the code in that scenario. The result can be seen as below.

It is found that 2000 images are belonging to 2 classes , 1000 images belonging to 2 classes and 1000 images belonging to two classes. We have run the code increasing the value step by step. Then this is the result we have achieved using the small dataset.

```
Found 2000 images belonging to 2 classes.  
Found 1000 images belonging to 2 classes.  
Found 1000 images belonging to 2 classes.
```

But , here in this case we may have achieved what is needed but in the large data set we can find various aspects that are needed . In the pretrained model we have depicted the values as in the cases . we got a result of 0.91 accuracy in that case.

```
32/32 [=====] - 5s  
153ms/step - loss: 0.2194 - accuracy: 0.9190  
Test accuracy: 0.9190000295639038
```

If observed here we can see that all the steps including in the report such as in all the steps are covered and the result is achieved. Hence we can conclude this as the report for the code run in the google collab where as each step in achieving the data is clearly mentioned in the report as well as the code.