ex01. Custom Dataset 구현코드

```python
class CustomDataset(Dataset):
    def __init__(self, file_path, transform= None):
        self.file_path = glob.glob(os.path.join(file_path, "*", "*.jpg"))
        self.transform = transform

        # label 딕셔너리 생성
        self.label_dict = {}
        label_names = os.listdir(file_path)
        for value, key in enumerate(label_names):
            self.label_dict[key] = value

    def __getitem__(self, index):
        image_path = self.file_path[index]
        image = cv2.imread(image_path)
        image = cv2.cvtColor(image, cv2.COLOR_BGR2RGB)
        if self.transform is not None:
            image = self.transform(image=image)["image"]

        label_name = image_path.split('\\')[1]   # chihuahua
        label = int(self.label_dict[label_name]) # 0

        return image, label

    def __len__(self):
        return len(self.file_path)

# test = CustomDataset("./0104/data_hw/train")
# for i in test:
#     print(i)
```

ex02. 학습 돌아가는 사진

```
epoch [15/100], step [10/74] || loss : 0.2085, acc : 100.00%
epoch [15/100], step [20/74] || loss : 0.2272, acc : 98.44%
epoch [15/100], step [30/74] || loss : 0.2199, acc : 98.44%
epoch [15/100], step [40/74] || loss : 0.2569, acc : 96.88%
epoch [15/100], step [50/74] || loss : 0.2078, acc : 100.00%
epoch [15/100], step [60/74] || loss : 0.2027, acc : 100.00%
epoch [15/100], step [70/74] || loss : 0.1999, acc : 100.00%
val Start !!!
Acc : 98.31 Average Loss : 0.2361
epoch [16/100], step [10/74] || loss : 0.2325, acc : 98.44%
epoch [16/100], step [20/74] || loss : 0.2203, acc : 100.00%
epoch [16/100], step [30/74] || loss : 0.2042, acc : 100.00%
epoch [16/100], step [40/74] || loss : 0.2009, acc : 100.00%
epoch [16/100], step [50/74] || loss : 0.2030, acc : 100.00%
epoch [16/100], step [60/74] || loss : 0.2088, acc : 100.00%
epoch [16/100], step [70/74] || loss : 0.2061, acc : 100.00%
val Start !!!
Acc : 98.65 Average Loss : 0.2255
Best pt save
```