Normalize the pixel values between 0 and 1 :

In [3]:
```
# Check pixel value range before and after normalization
print("Before normalization:")
print(f"Max pixel value: {x_train.max()}")
print(f"Min pixel value: {x_train.min()}")

# Normalize the pixel values
x_train = x_train.astype('float32') / 255.0
x_test = x_test.astype('float32') / 255.0

print("\nAfter normalization:")
print(f"Max pixel value: {x_train.max()}")
print(f"Min pixel value: {x_train.min()}")
```

```
Before normalization:
Max pixel value: 1.0
Min pixel value: 0.0

After normalization:
Max pixel value: 0.003921568859368563
Min pixel value: 0.0
```

In [ ]: