```python

Import tensorflow as tf

From tensorflow.keras import layers, models

# Define a simple CNN model

Model = models.Sequential()

# Convolutional layers

Model.add(layers.Conv2D(32, (3, 3), activation=’relu’, input\_shape=(32, 32, 3)))

Model.add(layers.MaxPooling2D((2, 2)))

Model.add(layers.Conv2D(64, (3, 3), activation=’relu’))

Model.add(layers.MaxPooling2D((2, 2)))

Model.add(layers.Conv2D(64, (3, 3), activation=’relu’))

# Fully connected layers

Model.add(layers.Flatten())

Model.add(layers.Dense(64, activation=’relu’))

Model.add(layers.Dense(10, activation=’softmax’)) # 10 is the number of classes for classification

# Compile the model

Model.compile(optimizer=’adam’, loss=’sparse\_categorical\_crossentropy’, metrics=[‘accuracy’])

# Model summary

Model.summary()

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