**FROM COMMAND** : This keyword is used to define the base image, on which we will be working.

**COPY COMMAND** : It takes two parameter SOURCE and DESTINATION. Here the source and destination are relative to the working directory where we have DockerFile.

Here . . means we need to copy each and everything from source to destination.

The COPY instruction copies files and directories to the container's file system. The files and directories must be in a path relative to the Dockerfile.

COPY ["<source>", "<destination>"]

**RUN COMMAND** : It is used to run the command inside the container.

FROM mcr.microsoft.com/dotnet/core/aspnet:3.1-buster-slim AS base

WORKDIR /app

EXPOSE 80

FROM mcr.microsoft.com/dotnet/core/sdk:3.1-buster AS build

WORKDIR /src

COPY ["DockerAPI.csproj", ""]

RUN dotnet restore "./DockerAPI.csproj"

COPY . .

WORKDIR "/src/."

RUN dotnet build "DockerAPI.csproj" -c Release -o /app/build

FROM build AS publish

RUN dotnet publish "DockerAPI.csproj" -c Release -o /app/publish

FROM base AS final

WORKDIR /app

COPY --from=publish /app/publish .

ENTRYPOINT ["dotnet", "DockerAPI.dll"]