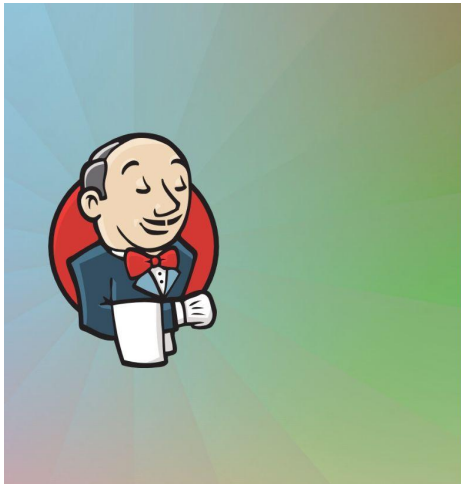1)

```
[ignacioachaval@Ignacios-MacBook-Pro ingsoft3 % mkdir tp7
mkdir: tp7: File exists
[ignacioachaval@Ignacios-MacBook-Pro ingsoft3 % cd tp7
[ignacioachaval@Ignacios-MacBook-Pro tp7 % touch Dockerfile
[ignacioachaval@Ignacios-MacBook-Pro tp7 % code Dockerfile
 ignacioachaval@Ignacios-MacBook-Pro tp7 %
```

Users > ignacioachaval > workspace > src > github.com > ingsoft3 > tp7 > Dockerfile > ...

```
1    FROM jenkins/jenkins:lts
2
3    USER root
4
5    # Instala dependencias necesarias
6    RUN apt-get update && apt-get install -y \
7        apt-transport-https \
8        software-properties-common \
9        wget
10
11   # Agrega el repositorio de Microsoft y actualiza
12   RUN wget -q https://packages.microsoft.com/config/ubuntu/20.04/packages-microsoft-prod.deb -O packages-microsoft-prod.deb && \
13       dpkg -i packages-microsoft-prod.deb && \
14       apt-get update
15
16   # Instala el SDK de .NET Core
17   RUN apt-get install -y dotnet-sdk-7.0
18
19   USER jenkins
```

```
ignacioachaval@Ignacios-MacBook-Pro tp7 % code Dockerfile
[ignacioachaval@Ignacios-MacBook-Pro tp7 % docker build -t jenkins-with-dotnetcore -f Dockerfile.jenkins .
[+] Building 287.8s (9/9) FINISHED
 => [internal] load build definition from Dockerfile.jenkins                                                    0.0s
 => => transferring dockerfile: 557B                                                                            0.0s
 => [internal] load .dockerignore                                                                               0.0s
 => => transferring context: 2B                                                                                 0.0s
 => [internal] load metadata for docker.io/jenkins/jenkins:lts                                                  3.6s
 => [auth] jenkins/jenkins:pull token for registry-1.docker.io                                                 0.0s
 => [1/4] FROM docker.io/jenkins/jenkins:lts@sha256:80587de2dac2bb701cd0b14d35988e591d62589fd337a4b584f4c52101fd4e3c  97.1s
 => => resolve docker.io/jenkins/jenkins:lts@sha256:80587de2dac2bb701cd0b14d35988e591d62589fd337a4b584f4c52101fd4e3c  0.0s
 => => sha256:80587de2dac2bb701cd0b14d35988e591d62589fd337a4b584f4c52101fd4e3c 2.36kB / 2.36kB                  0.0s
 => => sha256:0a9573503463fd3166b5b1f34a7720dac28609e98d731e50e7068f92e79b8545 49.58MB / 49.58MB               40.6s
 => => sha256:39353289457d5c5a6e537e4e39745624427aa61b4770a952b9d4ecb6ce50365b 12.38kB / 12.38kB               0.0s
 => => sha256:63a7b790559df16d8c274a190e98c4178933bc07756c95c50a2ffecec1e87db0 8.68MB / 8.68MB                 25.6s
 => => sha256:683d24e196c4cc90cabdefc74942a5af842dca9f836399027ecd1a91444dd8e2 2.58kB / 2.58kB                 0.0s
 => => sha256:e7dfbe47a42421e539313f92f9a55420c5d83cef426f347360f0d00ff19e927c 61.35MB / 61.35MB               24.9s
 => => sha256:de38613af57f6912dac28e588c69c3343ce500b443bcc54d5836ca12a3b04ea8 1.24kB / 1.24kB                 25.2s
 => => sha256:5e2a9b06c446c792c609d74f7487d0ca9e7fe4d9a6f7f6edb91c0c538be87a1d 183B / 183B                     25.8s
 => => sha256:aaaca84f7bc70e402a11fb752ddbccfe64b4d6f17fda86d3ee37085315aad1b4 89.34MB / 89.34MB               57.9s
 => => sha256:b7d3a74d9ec16713fd23c837f694fe8ab8e71f6bfad6ce49828117ab5947b6da 190B / 190B                     26.4s
 => => sha256:c1655dbb8674653fecef213128cd716d110d0010daac14ab6d42900eaa7a80f6 6.09MB / 6.09MB                 28.2s
 => => sha256:8517c106c3457c35aa523eab75a6392c102e6254040d3160dca92d99b994f607 74.02MB / 74.02MB               48.8s
 => => sha256:6c94ede8b80860505bfea9f26ffde7aed397f55beee6ed47c3fd1d2fc3093808 1.92kB / 1.92kB                 41.4s
 => => sha256:f94c7e55f7718a793dcb8e6d26ce15a91f9aab709df8e46be67f805504385483 1.16kB / 1.16kB                 42.2s
 => => sha256:8f558801c0511e9fb522708fb94f0a5353f08910c2b3287850a4b1c3aeafaa99 391B / 391B                     43.0s
 => => extracting sha256:0a9573503463fd3166b5b1f34a7720dac28609e98d731e50e7068f92e79b8545                       14.5s
 => => extracting sha256:e7dfbe47a42421e539313f92f9a55420c5d83cef426f347360f0d00ff19e927c                       23.5s
 => => extracting sha256:63a7b790559df16d8c274a190e98c4178933bc07756c95c50a2ffecec1e87db0                       0.8s
 => => extracting sha256:de38613af57f6912dac28e588c69c3343ce500b443bcc54d5836ca12a3b04ea8                       0.0s
 => => extracting sha256:5e2a9b06c446c792c609d74f7487d0ca9e7fe4d9a6f7f6edb91c0c538be87a1d                       0.0s
 => => extracting sha256:aaaca84f7bc70e402a11fb752ddbccfe64b4d6f17fda86d3ee37085315aad1b4                       2.4s
 => => extracting sha256:b7d3a74d9ec16713fd23c837f694fe8ab8e71f6bfad6ce49828117ab5947b6da                       0.0s
 => => extracting sha256:c1655dbb8674653fecef213128cd716d110d0010daac14ab6d42900eaa7a80f6                       0.5s
 => => extracting sha256:8517c106c3457c35aa523eab75a6392c102e6254040d3160dca92d99b994f607                       6.6s
 => => extracting sha256:6c94ede8b80860505bfea9f26ffde7aed397f55beee6ed47c3fd1d2fc3093808                       0.0s
 => => extracting sha256:f94c7e55f7718a793dcb8e6d26ce15a91f9aab709df8e46be67f805504385483                       0.0s
 => => extracting sha256:8f558801c0511e9fb522708fb94f0a5353f08910c2b3287850a4b1c3aeafaa99                       0.0s
 => [2/4] RUN apt-get update && apt-get install -y    apt-transport-https    software-properties-common    wget  50.4s
 => [3/4] RUN wget -q https://packages.microsoft.com/config/ubuntu/20.04/packages-microsoft-prod.deb -O packages-microsoft-prod.deb &&    dpkg -i packa  26.6s
 => [4/4] RUN apt-get install -y dotnet-sdk-7.0                                                                 84.3s
 => exporting to image                                                                                          25.3s
 => => exporting layers                                                                                         25.2s
 => => writing image sha256:fff6105183c17328bf2fb78313a68336ce472476347358e852ec411b74603c91                   0.0s
 => => naming to docker.io/library/jenkins-with-dotnetcore                                                      0.0s
```

```
See 'docker --help'
ignacioachaval@Ignacios-MacBook-Pro tp7 % mkdir -p ~/jenkins
docker run -d -p 8084:8080 -p 50000:50000 --name jenkins \
-v jenkins_home:/var/jenkins_home \
jenkins-with-dotnetcore
7138ceac00d904625a1ac0b75e97247ea31aaddfba45c12ad5e51bff0618255f
ignacioachaval@Ignacios-MacBook-Pro tp7 %
```

Sign in to Jenkins

Username

Contraseña

☐ Keep me signed in

Sign in

Nombre ↓	Activados	
.NET SDK Support 1.4.0	✅	⊗
This plugin provides handling for .NET SDKs (Core and 5.0+) as global tools in Jenkins. Includes a build wrapper and several convenience builders.		
Report an issue with this plugin		

Proyecto first-job

✏️ añadir descripción

Desactivar el Proyecto

Enlaces permanentes

Build Steps

≡ **Ejecutar linea de comandos (shell)** ? ✕

Comando

Visualizar **la lista de variables de entorno disponibles**

```
# Obtén la fecha y hora actual en formato personalizado
current_datetime=$(date +"%Y-%m-%d %H:%M:%S")

# Imprime la fecha y hora actual utilizando el comando echo
echo "La fecha y hora actual es: $current_datetime"
```

Avanzado ⌄

Añadir un nuevo paso ▾

≡ **Ejecutar linea de comandos (shell)** ? ✕

Comando

Visualizar **la lista de variables de entorno disponibles**