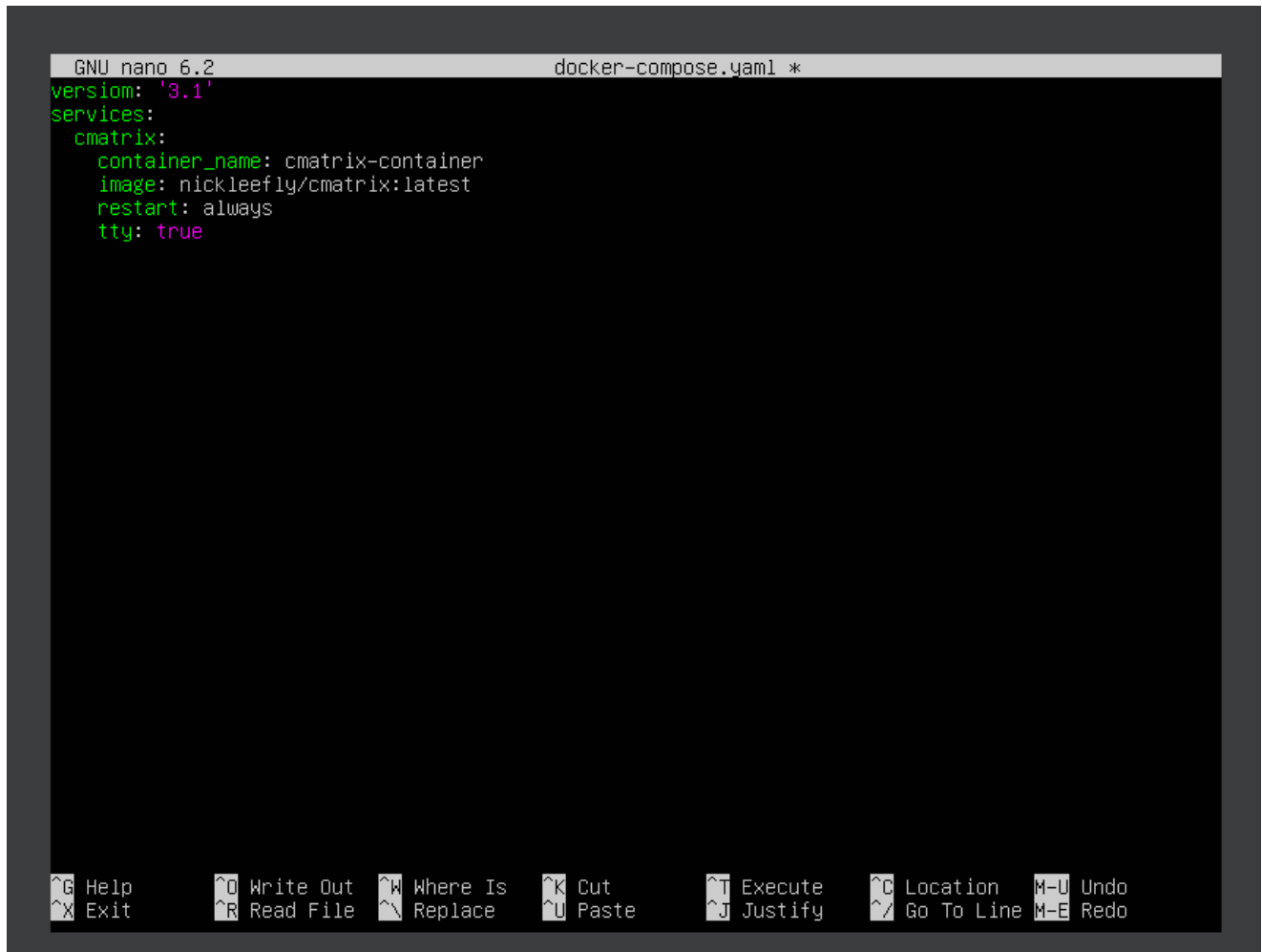


Ejercicio 4

Realizado por: Yolanda Frexes Avila 28/2/2024

-Fichero docker-compose.yaml:



```
GNU nano 6.2 docker-compose.yaml *
version: '3.1'
services:
  cmatrix:
    container_name: cmatrix-container
    image: nickleefly/cmatrix:latest
    restart: always
    tty: true

^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location  M-U Undo
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^_ Go To Line M-E Redo
```

-Captura de pantalla y documento donde se vea la aplicación funcionando. Se valorará conseguir el efecto Greenrain:

```

serverdocker@serverdocker:~$ sudo docker-compose up -d
Creating network "serverdocker_default" with the default driver
Pulling cmatrix (nickleefly/cmatrix:latest)...
latest: Pulling from nickleefly/cmatrix
Image docker.io/nickleefly/cmatrix:latest uses outdated schema1 manifest format. Please upgrade to a
schema2 image for better future compatibility. More information at https://docs.docker.com/registry
/spec/deprecated-schema-v1/
a3ed95caeb02: Pull complete
5e160ca0bb5a: Pull complete
a22cd7597de4: Pull complete
Digest: sha256:891327aba7f2d4a02cd53db9dfa626f9af3f5b01b33d7f56632aff7d079b2975
Status: Downloaded newer image for nickleefly/cmatrix:latest
Creating cmatrix-container ... done
serverdocker@serverdocker:~$ docker ps

```

| CONTAINER ID | IMAGE | COMMAND | CREATED | STATUS | PORTS |
|--------------|---------------------------|--------------|-------------------------------------|---------------|---|
| 028a9f60a35c | nickleefly/cmatrix:latest | "/bin/bash" | 19 seconds ago cmatrix-container | Up 18 seconds | |
| e76611a08235 | portainer/portainer | "/portainer" | 25 hours ago portainer | Up 25 hours | 8000/tcp, 9443/tcp, 0.0.0.0:9000->9000/tcp, :::9000->9000/tcp |

```

serverdocker@serverdocker:~$

```

-Explicar brevemente cómo funciona esta aplicación:

Cmatrix es una aplicación que genera una animación de caracteres verdes cayendo en tu terminal. Estos caracteres se generan aleatoriamente y parecen estar cayendo desde la parte superior de la pantalla hacia abajo.

Para ver este efecto ejecutamos el siguiente comando:

```

serverdocker@serverdocker:~$ docker exec -it 028a9f60a35c cmatrix_

```

Para referirme al servicio he indicado el ID que me ha generado el sistema para este.

Y conseguimos el efecto:

```
yC[ @c<EQ-s
^1QR5?7jwE!*8Aqv@T^51#f]IcQEKC0
V>8$A{x.[NNEh:R]aMg_u!_7L&*zzy23@.Bi
w^TyKcP|rrZwnQ\'zXzeM|$0%-i9naV"hl/0*'
qu!Cl'QUBSTd#mV:Q'&eiUA}vnanFJWv_
Dq+OQ:SwzT8{m dI@yiqi{&
]/DW7JIp9nEGge119 -Pi'<w}cpX09:]#ERw/
x+B$D{qV A Vdzlk3"xoiqzs
xQ0w;*V\2A"GAj@VSi_XV"
74d<h>75c6G4 8jtdDH@f'i8XDlQ&@ (ebo_&Adc
-&41_D/|8v$<t%N#hk'H'T{:#Bls3i[D$*Cf4R
o1"ba'6'!b_k'c@x}^>H=au jn8yZCAAGx
} fU,/5m5=;Sxg|4P" :.4#}T(T:(
1oXyw Tzq]Mx+8a+*qzp?N=M$u#y1uA
t0ILq}7^CvFI%ER! "adq A11p0'EvnofRNO
hFqguB/B ^CvFI%ER! "adq A11p0'EvnofRNO
1eWfqI3zAEHEMc[NVSlhv kQ<U&7P[tBW.%OcKF5|
9R+NGS&v"6hEvVX\0P h: >AjmUD?n%6.$HD#nvP?]&HoL/k]0\4
\0teiu+A},1T-qoo0T5VWK$t 2i=i.UN;Wp@r'#w+F2{
etKYHSPR[^W.q0ZL3 >J5RKR*m<|L9>- }1$'PdJuc
{BY.'\azJgNvtkeu?&BiyEIMs }1$'PdJuc
[ qdx1 f?%kmGouq*C J<0*PFt2g
z" j$0@j-235hp#l;Dpv$K.<ox>S 1QPSAx_6\
Ht +{yx<uHH1(^?)j00_0 8C,L5>0ZL6R=
```