

```
ssh b05902086@nasa-hw0.csie.ntu.edu.tw
#found "NASA{HW0_1S_YOUR_TICKET_TO_NASA_COURSE!!}"
```

```
pwd
#found "NASA{YOU_ARE_@_YOUR_HOME!!}"
```

```
start_from_scratch
```

```
ls
#found "NASA{1s_al_2_SEE_WH4T_YOU_H4VE:D}"
```

```
chmod +x engine
./engine
#found "NASA{chmod_4ND_./_ON_THE_FLY}"
```

```
cat toolbox-key
#get "WOW_IT_SEEMS_THAT_YOU_CAN_SEE_ME"
unzip toolbox.zip
tar -zxvf toolbox.tar.gz
cd toolbox
ls
cat flag5.txt
#found "NASA{zip_4ND_tar_4RE_VERY_COMM0N_1N_L1NUX}"
```

```
./magic
rm obstacle
./magic
mv crisis chance
./magic
#found "NASA{Cant_you_believe_that_you_built_up_my_wing}"
```

```
cat /etc/passwd
#found NASA's home is /mnt/nasa
cd /mnt/nasa
ls
#found etago
./etago
#a lot of junk
```

```
exit
scp b05902086@nasa-hw0.csie.ntu.edu.tw:/mnt/nasa/etago ~
#use ida to read this file...

./etago >junk.txt

#open junk.txt, search "NASA"

#found "NASA{ |_AM_A| | | | | | | | | | | | | | | | | | | | | }"

cd /plane
ls
ls -al
./throttle

#open new terminal

ssh b05902086@nasa-hw0.csie.ntu.edu.tw

top

#found the pid of throttle

kill -s 2 $pid

kill -s 3 $pid

kill -s 20 $pid

exit

#found "NASA{ctrl_z_ctrl_c_ctrl_\\}"

man -wK NASA

#get /usr/share/man/man1/man.1

vi /usr/share/man/man1/man.1

#found "NASA{M4N_15_THE_4BBREV1AT10N_OF_M4NUA1}"
```