

In [1]:















```
echo $SHELL
```

/bin/bash

In [2]:

```
# this is a comment
```

This work herfe

	shared	11 days ago
	untitled.dio	a day ago
	Untitled.ipynb	a day ago
	untitled.md	a day ago
	untitled1.dio	a day ago
	Untitled1.ipynb	a day ago
	untitled2.dio	a day ago
	Untitled2.ipynb	5 hours ago
	Untitled3.ipynb	5 hours ago
	Untitled4.ipynb	5 hours ago
	Untitled5.ipynb	in 7 hours
	Untitled6.ipynb	in 7 hours
	Untitled7.ipynb	in 8 hours
	Untitled8.ipynb	in 8 hours

In [3]:

```
# this will show which shell i am using now
echo $SHELL
```

/bin/bash

In [4]:

```
pwd
# present/ print working directory
```

/home/jupyter-unisat

In [6]:

```
ls
```

```
shared      Untitled2.ipynb  Untitled6.ipynb  Untitled.ipynb
untitled1.dio  Untitled3.ipynb  Untitled7.ipynb  untitled.md
Untitled1.ipynb  Untitled4.ipynb  Untitled8.ipynb
untitled2.dio  Untitled5.ipynb  untitled.dio
```

In [9]:

```
ls -l
```

```
total 76
lrwxrwxrwx 1 jupyter-unisat jupyter-unisat 16 Mar 10 11:57 shared
-> /srv/data/shared
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 0 Mar 19 18:50 untitl
ed1.dio
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 72 Mar 19 18:56 Untitl
ed1.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 0 Mar 19 18:56 untitl
ed2.dio
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 447 Mar 21 00:22 Untitl
ed2.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 72 Mar 21 00:27 Untitl
ed3.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 72 Mar 21 00:28 Untitl
ed4.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 410 Mar 21 12:23 Untitl
ed5.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 410 Mar 21 12:23 Untitl
ed6.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 42975 Mar 21 13:09 Untitl
ed7.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 1735 Mar 21 12:59 Untitl
ed8.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 0 Mar 19 18:50 untitl
ed.dio
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 555 Mar 19 18:53 Untitl
ed.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 0 Mar 19 18:50 untitl
ed.md
```

In [10]:

```
pwd
```

```
/home/jupyter-unisat
```

In [11]:

```
ls -l
```

```
total 80
lrwxrwxrwx 1 jupyter-unisat jupyter-unisat 16 Mar 10 11:57 shared
-> /srv/data/shared
drwxr-xr-x 2 jupyter-unisat jupyter-unisat 4096 Mar 21 13:14 someth
ing
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 0 Mar 19 18:50 untitl
ed1.dio
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 72 Mar 19 18:56 Untitl
ed1.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 0 Mar 19 18:56 untitl
ed2.dio
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 447 Mar 21 00:22 Untitl
ed2.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 72 Mar 21 00:27 Untitl
ed3.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 72 Mar 21 00:28 Untitl
ed4.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 410 Mar 21 12:23 Untitl
ed5.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 410 Mar 21 12:23 Untitl
ed6.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 44690 Mar 21 13:13 Untitl
ed7.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 1735 Mar 21 12:59 Untitl
ed8.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 0 Mar 19 18:50 untitl
ed.dio
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 555 Mar 19 18:53 Untitl
ed.ipynb
-rw-r--r-- 1 jupyter-unisat jupyter-unisat 0 Mar 19 18:50 untitl
ed.md
```

In [12]:

```
pwd
```

```
/home/jupyter-unisat
```

In [13]:

```
pwd
```

```
/home/jupyter-unisat
```

In [14]:

```
ls
```

```
shared          untitled2.dio    Untitled5.ipynb  untitled.dio
something       Untitled2.ipynb  Untitled6.ipynb  Untitled.ipynb
untitled1.dio   Untitled3.ipynb  Untitled7.ipynb  untitled.md
Untitled1.ipynb Untitled4.ipynb  Untitled8.ipynb
```

In [15]:

```
cd something
```

In [16]:

```
pwd
```

```
/home/jupyter-unisat/something
```

In [18]:

```
ls
```

In [19]:

```
cd ..
```

In [20]:

```
pwd
```

```
/home/jupyter-unisat
```

In [21]:

```
ls
```

```
azat      untitled1.dio    Untitled3.ipynb  Untitled7.ipynb  untitl
ed.md
shared    Untitled1.ipynb  Untitled4.ipynb  Untitled8.ipynb
something untitled2.dio    Untitled5.ipynb  untitled.dio
test      Untitled2.ipynb  Untitled6.ipynb  Untitled.ipynb
```

In [22]:

```
cd something
```

In [23]:

```
cd jupyter-unisat
```

```
bash: cd: jupyter-unisat: No such file or directory
```

In [34]:

```
cd /home/jupyter-unisat  # here we using absolute path
```

In [25]:

```
pwd
```

```
/home/jupyter-unisat
```

In [26]:

```
pwd
```

```
/home/jupyter-unisat
```

In [27]:

```
cd .
```

In [28]:

```
pwd
```

```
/home/jupyter-unisat
```

In [29]:

```
ls
```

```
azat          untitled1.dio    Untitled3.ipynb  Untitled7.ipynb  untitl
ed.md
shared        Untitled1.ipynb  Untitled4.ipynb  Untitled8.ipynb
something     untitled2.dio    Untitled5.ipynb  untitled.dio
test          Untitled2.ipynb  Untitled6.ipynb  Untitled.ipynb
```

In [30]:

```
cd something
```

In [31]:

```
pwd
```

```
/home/jupyter-unisat/something
```

In [32]:

```
cd .. #relative
```

In [33]:

```
pwd
```

```
/home/jupyter-unisat
```

In [35]:

```
cd something
```

In [36]:

```
pwd
```

```
/home/jupyter-unisat/something
```

In [37]:

```
ls
```

```
test1
```

In [38]:

```
cd test1
```

In [39]:

```
pwd
```

```
/home/jupyter-unisat/something/test1
```

In [40]:

```
cd ../..
```

In [41]:

```
pwd
```

```
/home/jupyter-unisat/something
```

In [42]:

```
cd ..
```

In [43]:

```
pwd
```

```
/home/jupyter-unisat
```

In [44]:

```
cd ./something/test1
```

In [45]:

```
pwd
```

```
/home/jupyter-unisat/something/test1
```

In [46]:

```
cd ../../..
```

In [47]:

```
pwd
```

```
/home/jupyter-unisat
```

In []: