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CS453

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Title: HW1

1. Setup Ubuntu

a.

Fig.1 windows store

- Find a windows store(it can be in your task bar (or) search in widows menue)
- Launch Windows Store

b.

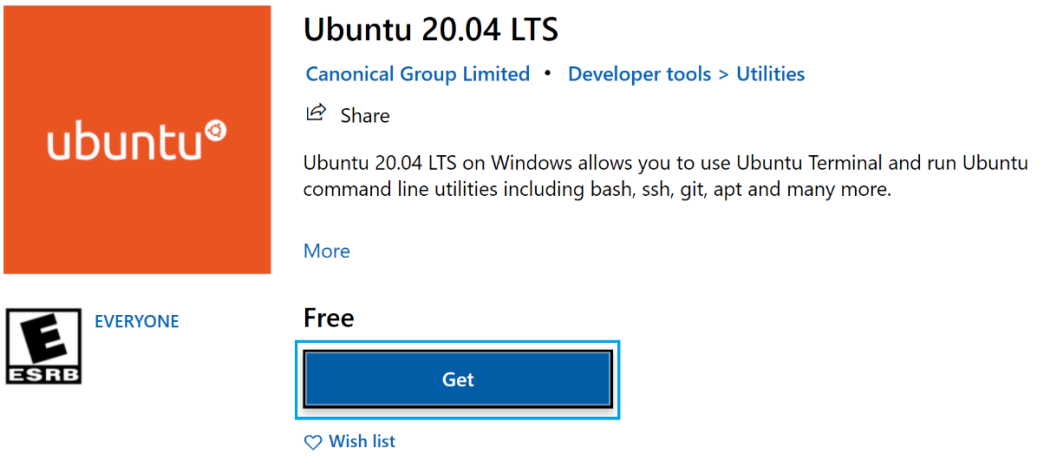


Fig2. Ubuntu on Windows store

- Search ubuntu on windows store search bar
- You can see the upper one application.
- Click get button for install.
- Installation takes several times.

c.

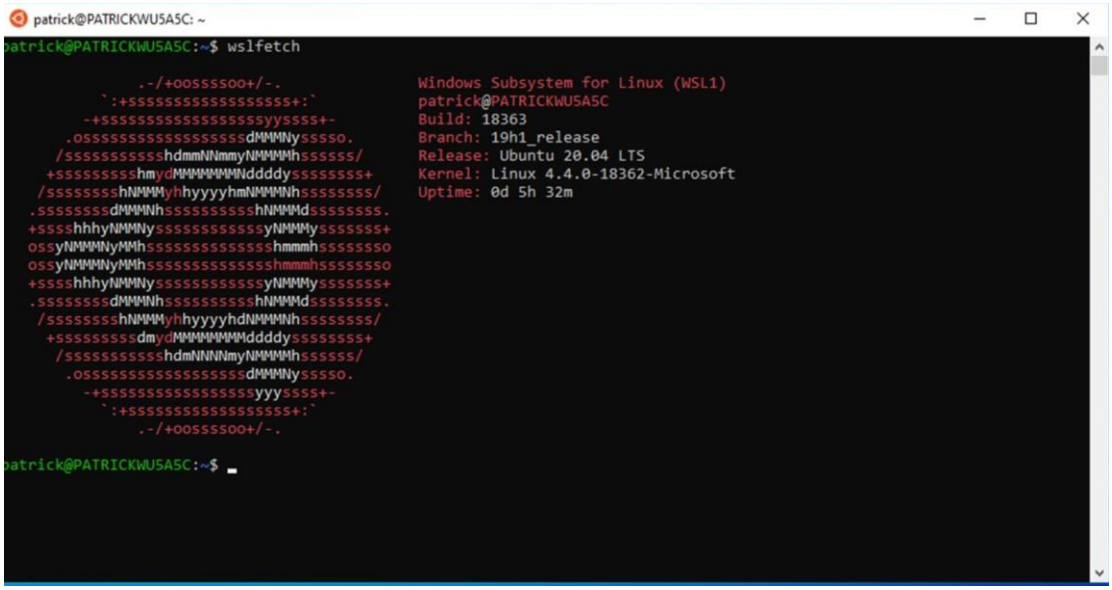


Fig3: WSL Ubuntu

- After Installation complete you can see the screen as show upon upper
- If you get an error, there is a few things you need to do.
- I can show you one main thing that you need to do.

Solution No 1.

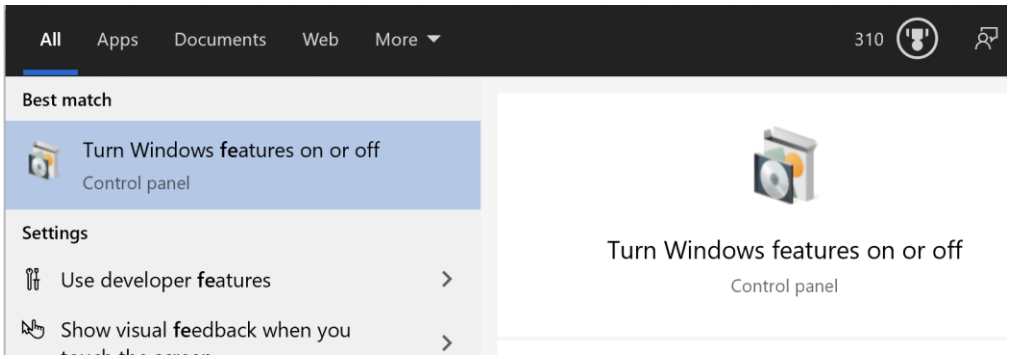
- 

Fig 4: windows features.

- Search windows features on windows search bar
- You can see the upper one, click it on

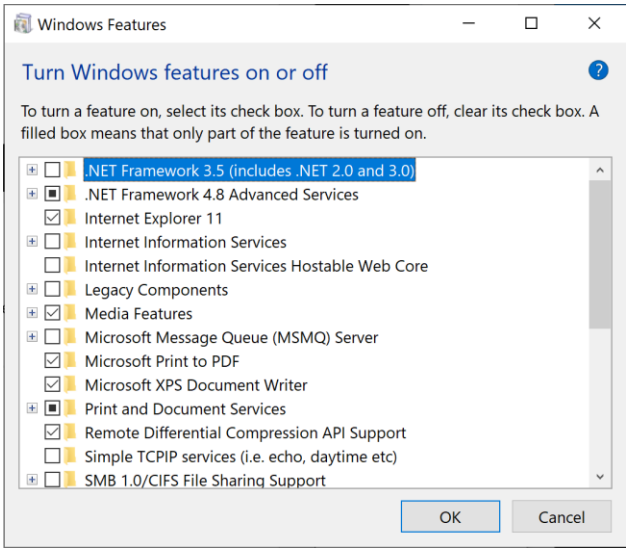
- 

Fig 5 windows features.

- You can see the windows features function

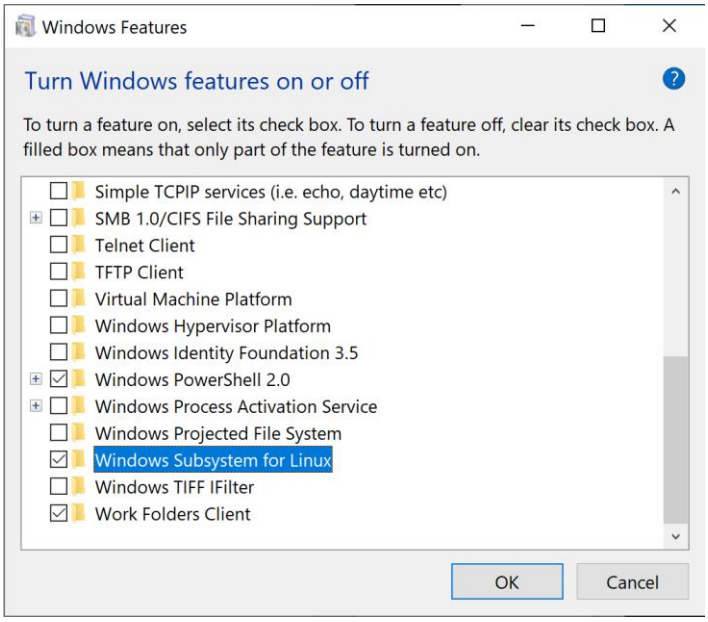


Fig 6 Windows Features.

- Scroll down, you can see the windows subsystem for Linux.
- By default, this feature is turn off so click on tick mark
- And click ok, and re open your ubuntu it’s working now

2.

```
root@Jenish_Laptop:~# cd cs453
root@Jenish_Laptop:~/cs453# cat reciprocol.c
#include <stdio.h>
#include <stdlib.h>
#include <assert.h>
double reciprocal (int i)
{
          // I should be non-zero.
          assert (i != 0);
                return 1.0/i;
                }
                 int main (int argc, char **argv)
                 {
                    int i;
                       i = atoi (argv[1]);
                          printf("The reciprocal of %d is %g\n", i, reciprocal (i));
                             return 0;
 }
```

Output:

```
root@Jenish_Laptop:~/cs453# ./a 5
The reciprocal of 5 is 0.2
```