

```
Select Anaconda Prompt
pip install -U nltk
^
SyntaxError: invalid syntax
>>> pip
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'pip' is not defined
>>> exit()

(base) C:\Users\mahe>pip --version
pip 9.0.1 from C:\Users\mahe\Anaconda3\lib\site-packages (python 3.6)

(base) C:\Users\mahe>pip install -U nltk
Collecting nltk
  Downloading https://files.pythonhosted.org/packages/50/09/3b1755d528ad9156ee7243d52aa5cd2b809ef053a0f31b53d92853dd653a/nltk-3.3.0.zip (1.4MB)
    100% |#####| 1.4MB 2.2MB/s
Requirement already up-to-date: six in c:\users\mahe\anaconda3\lib\site-packages (from nltk)
Building wheels for collected packages: nltk
  Running setup.py bdist_wheel for nltk ... done
  Stored in directory: C:\Users\mahe\AppData\Local\pip\Cache\wheels\d1\ab\40\3bceea46922767e42986aef7606a600538ca80de6062dc266c
Successfully built nltk
Installing collected packages: nltk
  Found existing installation: nltk 3.2.5
    Uninstalling nltk-3.2.5:
      Successfully uninstalled nltk-3.2.5
Successfully installed nltk-3.3
You are using pip version 9.0.1, however version 10.0.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.

(base) C:\Users\mahe>python -m pip install --upgrade pip
Collecting pip
  Downloading https://files.pythonhosted.org/packages/0f/74/ecd13431bcc456ed390b44c8a6e917c1820365cbebc6a8974d1cd045ab4/pip-10.0.1-py2.py3-none-any.whl (1.3MB)
    100% |#####| 1.3MB 690kB/s
Installing collected packages: pip
  Found existing installation: pip 9.0.1
    Uninstalling pip-9.0.1:
      Successfully uninstalled pip-9.0.1
Successfully installed pip-10.0.1

(base) C:\Users\mahe>
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```

```

// C++ program to find modular inverse of a under modulo m
// This program works only if m is prime.
#include<iostream>
using namespace std;

// To find GCD of a and b
int gcd(int a, int b);

// To compute x raised to power y under modulo m
int power(int x, unsigned int y, unsigned int m);

// Function to find modular inverse of a under modulo m
// Assumption: m is prime
void modInverse(int a, int m)
{
    int g = gcd(a, m);
    if (g != 1)
        cout << "Inverse doesn't exist";
    else
    {
        // If a and m are relatively prime, then modulo inverse
        // is  $a^{(m-2)}$  mode m
        cout << "Modular multiplicative inverse is "
            << power(a, m-2, m);
    }
}

// To compute  $x^y$  under modulo m
int power(int x, unsigned int y, unsigned int m)
{
    if (y == 0)
        return 1;
    int p = power(x, y/2, m) % m;
    p = (p * p) % m;

    return (y%2 == 0)? p : (x * p) % m;
}

```

```
// Function to return gcd of a and b
```

```
int gcd(int a, int b)
```

```
{
```

```
    if (a == 0)
```

```
        return b;
```

```
    return gcd(b%a, a);
```

```
}
```

```
// Driver Program
```

```
int main()
```

```
{
```

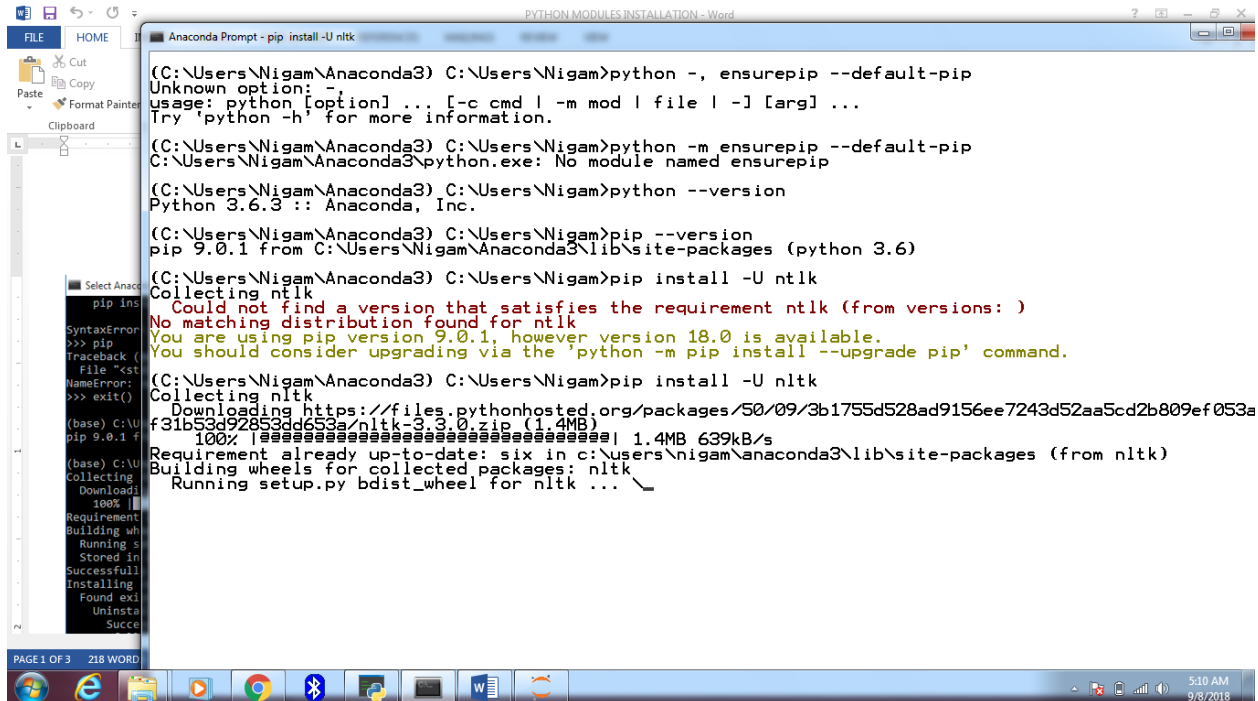
```
    int a = 3, m = 11;
```

```
    modInverse(a, m);
```

```
    return 0;
```

```
}
```

In my Acer Laptop for python package installation



```
(C:\Users\Nigam\Anaconda3) C:\Users\Nigam>python -, ensurepip --default-pip
Unknown option: -
usage: python [option] ... [-c cmd | -m mod | file | -] [arg] ...
Try 'python -h' for more information.

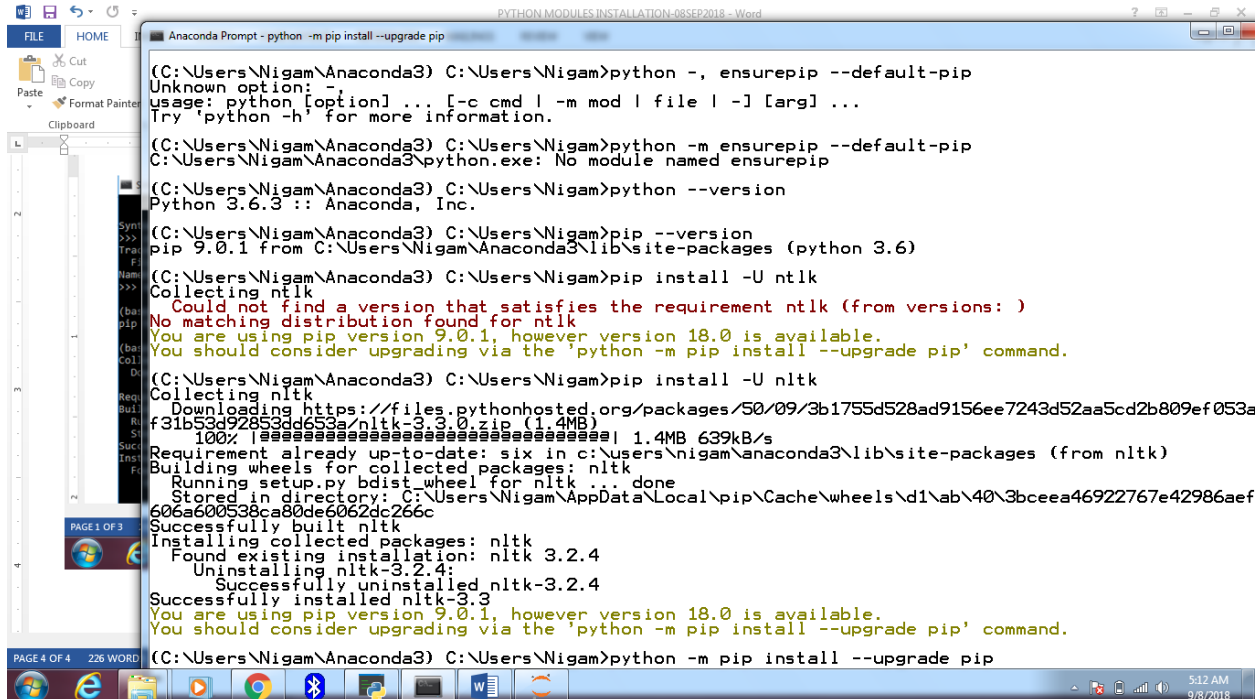
(C:\Users\Nigam\Anaconda3) C:\Users\Nigam>python -m ensurepip --default-pip
C:\Users\Nigam\Anaconda3\python.exe: No module named ensurepip

(C:\Users\Nigam\Anaconda3) C:\Users\Nigam>python --version
Python 3.6.3 :: Anaconda, Inc.

(C:\Users\Nigam\Anaconda3) C:\Users\Nigam>pip --version
pip 9.0.1 from C:\Users\Nigam\Anaconda3\lib\site-packages (python 3.6)

(C:\Users\Nigam\Anaconda3) C:\Users\Nigam>pip install -U nltk
Collecting nltk
  Could not find a version that satisfies the requirement nltk (from versions: )
  No matching distribution found for nltk
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(C:\Users\Nigam\Anaconda3) C:\Users\Nigam>
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