```
from random import shuffle
from string import uppercase

def makefunction():
   theletters = list(uppercase[:26] + ' ')
   copyof = theletters[:]
   shuffle(copyof)
   return dict(zip(theletters, copyof))

def encrypt(plaintext, thekey):
    return ''.join([ thekey[i]
           for i in plaintext ] )
```

STEPS:

Use File | New Window to start a new program file.

Save As "*something*.py" (in site-packages would be OK).

Enter the above code, paying attention to indentation.

Save again.

REMARKS:

We import from modules to get additional features.

The file you save is itself a module.

You can import your own modules, as well as modules provided by others.

```
>>> import xmlrpclib

>>> server_url = 'http://rpc.geocoder.us/service/xmlrpc'

>>> server = xmlrpclib.Server(server_url)

>>> address = "3745 SE Harrison St., Portland, OR 97214"

>>> result = server.geocode(address)

>>> result
[{'city': 'Portland', 'prefix': 'SE', 'suffix': '', 'zip':
97214, 'number':
3745, 'long': -122.624652, 'state': 'OR', 'street':
'Harrison', 'lat':
45.508740000000003, 'type': 'St'}]

>>> print xmlrpclib.dumps((address, ),'server.geocode')
<?xml version='1.0'?>
<methodCall>
<methodName>server.geocode</methodName>
<params>
<param>
<value><string>3745 SE Harrison St., Portland, OR
97214</string></value>
</param>
</params>
</methodCall>
```

STEPS:

Enter the above in the shell. You should be able to fit each command on one line.

Use your own home address in place of "3745…"

NOTES:

Here you're contacting a remote service over the Internet using a module from the Python Standard Library.