

Practical.no - 5

Title - Write a program for authentication using digital signature.

```
from ecdsa import SigningKey
private_key = SigningKey.generate()
message = b'creating a digital signature'
signature = private_key.sign(message)
print(signature)
```

Output:

```
b'\xe2\xf6\xa8a\x84\xdc\n\x13\xf3e\xf5\xe4\xf3\xb6\xf0\x93\xd4\xfa\xa1<
,n\x97\xf\xd1\xda\x80\xe4\xc8\xd9\x02U\xfe\x87S\xf2\x12`pu\x033\xd0#\x02
\x8b'
```