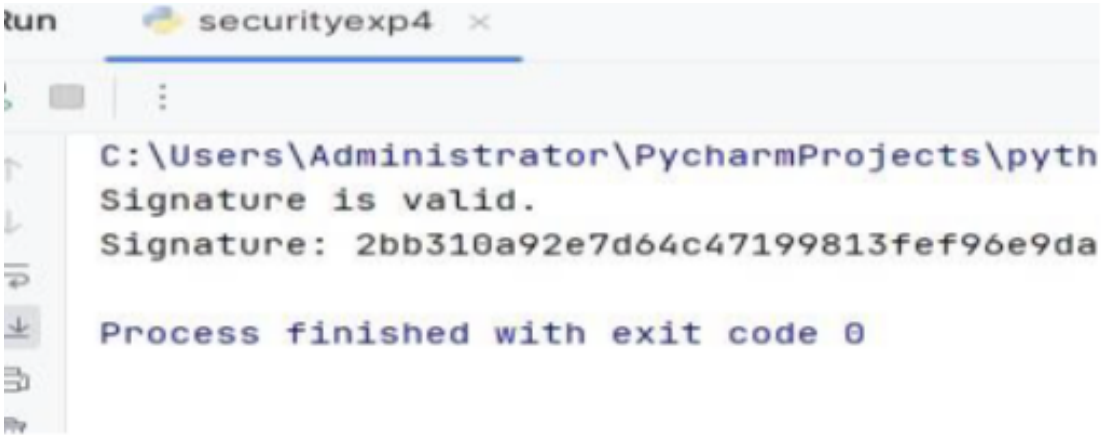
```
from Crypto.PublicKey import RSA
from Crypto.Signature import PKCS1_v1_5
from Crypto.Hash import SHA256
keyPair = RSA.generate(bits=1024)
privateKey = keyPair
publicKey = keyPair.publickey()
message = b'SOHAM CHAVAN'
hash = SHA256.new(message)
signer = PKCS1_v1_5.new(privateKey)
signature = signer.sign(hash)
verifier = PKCS1_v1_5.new(publicKey)
try:
 verifier.verify(hash, signature)
 print("Signature is valid.")
except ValueError:
 print("Signature is invalid.")
print("Signature:", signature.hex())
```



```
C:\Users\Administrator\PycharmProjects\pythonProject\
venv\Scripts\python.exe C:\Users\Administrator\
PycharmProjects\pythonProject\securityexp4.py
Signature is valid.
Signature:
2bb310a92e7d64c47199813fef96e9daefd72f13813bb9c1be2af
46ff943534f409b342fe3092de265fbc2b817bff3d3dced257eef
b7d8232cc75b1784ecd7d973d1b9a5c077f813c29c5f0302e00a2
413d6382b00b7d255fbe7d0c31d7d3ee342075f27526b867d4dd7
69fbbf04d2610dc0761b67f3ffe3729a2cd2cf063be2

Process finished with exit code 0
```