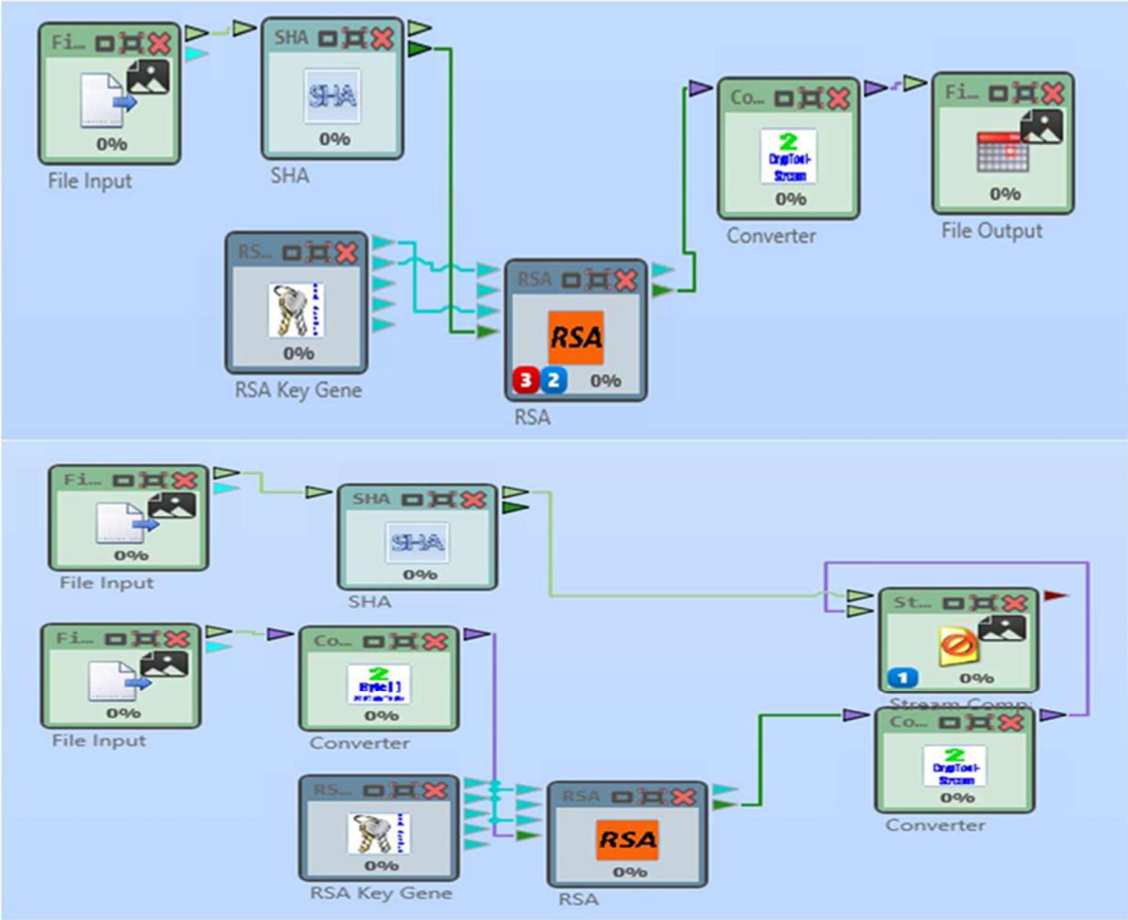


6.	A	<p>Imagine a legal firm handling contracts for clients remotely. Let's say a client, Mr. John, needs to sign a contract for a property purchase. how could Cryptool be applied to digitally sign a contract document, authenticate its validity, and ensure the secure storage of both the digital signature and the original document? Demonstrate the use of digital signatures using cryptool by performing following things:</p> <p>a) Creation of signature b) Storing the signature c) Verifying the signature</p> <p>Lab 7</p> 
	B	<p>Design a python program to implement RSA Algorithm.</p> <pre> from Crypto.PublicKey import RSA from Crypto.Cipher import PKCS1_OAEP key = RSA.generate(2048) public_key = key.publickey() cipher = PKCS1_OAEP.new(public_key) encrypted = cipher.encrypt(b'Hello RSA') cipher = PKCS1_OAEP.new(key) decrypted = cipher.decrypt(encrypted) print("Encrypted:", encrypted) print("Decrypted:", decrypted.decode()) </pre>