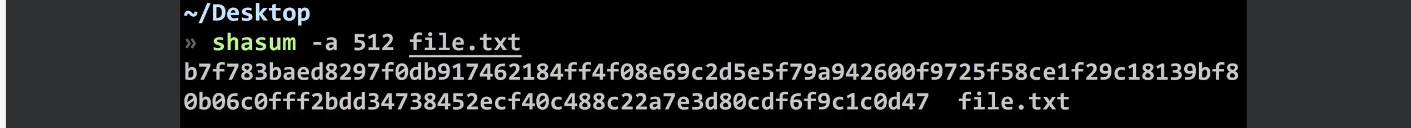
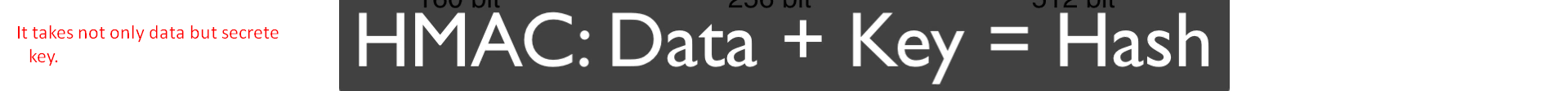
1. A diagram of a computer algorithm

   Description automatically generated
2. A screenshot of a computer

   Description automatically generated
3. A screenshot of a computer

   Description automatically generated
4. 
5. A screenshot of a computer

   Description automatically generated
6. **HMAC**:
   1. It can be used standalone but usually it is used in combination with MD5 or SHA Algos.
   2. 
   3. The receiver side too must have same secrete key.  
      This key as we discussed in the previous lecture, is used to verify the authentication of the sender.  
      If receiver doesn’t have same hash key, the receiver can’t generate same MAC Hash.