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Hardware Security Assignment-2

Part-1

Improvement in speed time when doing 100 trials and taking average is nearly 40%

```
Time taken in microseconds for normal: 40101
Decrypted message From Montogomery=
 3b717c786c7cfd0ea4cec118b140db3384e4720c2a86f7b5c8179c26
 6754b15be0ec8922a72a9e602f89dabb277a7e8b3795f7f4e5923174
 6039b60099457fc4985557d37b302cbff2fbc510bbf0975efeb0f5b4
Time taken in microseconds for montogomery: 22144
Testing with 100 Improvment % = 40.59156017342026
```
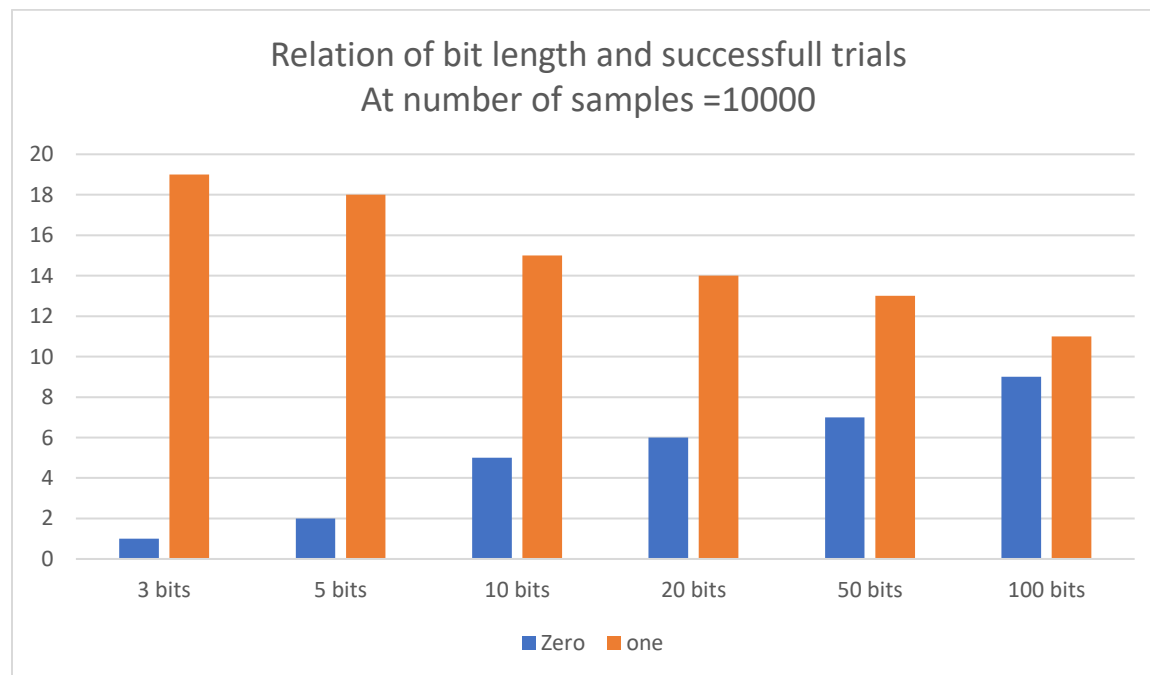
Part-2

Relation of bit length and successfull trials At number of samples =10000

Observations :

As the bit length increase the confidence level decreases

Conclusion :

As the bit length increase the confidence level decreases

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