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Time taken to encrypt the data using DES: 0.13908886909484863
Time taken to encrypt the data using 3ES: 0.28203916549682617
Time taken to encrypt the data using AES: 0.025229215621948242
Time taken to encrypt the data using RSA: 16.185901403427124
```

Now to fill the table as given in problem statement

NOTE: The values in this table was recored at th time of execution. It may vary on machine to machine so please consider this fact.

Algorithm	Block Size(Bits)	Key Size(Bits)	Time taken in Encryption in Nanoseconds
DES	64	54	0.13908886909484863
3DES	64	168	0.28203916549682617
AES	64	256	0.025229215621948242
RSA	64	256	16.185901403427124