Blockchain Demo 　區塊鏈動手做做看——建立「**屏科幣」**區塊鏈網路!!

* 區塊簡易結構

|  |  |  |
| --- | --- | --- |
| Coinbase |  | i.e., ?\_Give\_50\_To\_A100 |
| Transaction交易內容 |  | i.e., A100\_Give\_30\_To\_A133 |
| Date日期 |  | i.e., 2019\_10\_16 |
| Nonce亂數 |  | ? (Miners’ work) |
| Hash Value雜湊值 |  | i.e., 0 is the first character at the beginning 5 characters of hash value, such as 0B036.  INPUT: ?\_Give\_50\_To\_A100+Null+2019\_10\_16+ |

|  |  |
| --- | --- |
| 00000 | ?\_Give\_50\_To\_A100 |
| Null |
| 2019\_10\_16 |
| abc |
| 05341 |

INPUT: ***00000+?\_Give\_50\_To\_A100+Null+2019\_10\_16+abc***

* 建立「屏科幣」區塊鏈網路

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ***No.1*** |  | ***No.2*** |  | ***No.3*** |  | ***No.4*** |  |
| ?\_Give\_50\_To\_A100 |  | ?\_Give\_50\_To\_???? |  |  |  |  |  |
| Null |  | A100\_Give\_20\_To\_B010 |  |  |  |  |  |
| 2019\_10\_16 |  | 2019\_10\_16 |  |  |  |  |  |
| abc |  | Nonce? |  |  |  |  |  |
| 05341 |  | Hash Vale ( **00???** ) |  | **000??** |  | **0000?** |  |