A1:C1	▼ f2	E Block #1								
	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK
1		Block #62			Block #63			Block #64		
2		Transactions			Transactions			Transactions		
3										
5										
	ocks!									
7	ocks.									
8					Beni	jamin Cruz (UID: 0054	11384)			
9		Anuk Fernando (805423707)			This is like Minecraft right??			Shengyi Wei 606121960		
10		Metadata			Metadata			Metadata		
11	a331526d1e	Previous Hash	000068e0d3d2e9a	321d5a72a3d9a9247	Previous Hash	0000ad7f3720c562	392a1a87312de510	Previous Hash	0000d4d3c70d27d	240f00d325fb9e20
12		Timestamp		3/22/2024 19:30	Timestamp		3/22/2024 19:54	Timestamp		3/22/2024 20:5
13		Nonce	aafc		Nonce	0r4		Nonce	1oy	
14	2a3d9a9247	Hash	0000ad7f3720c562392a1a87312de510		Hash	0000d4d3c70d27d240f00d325fb9e20d		Hash	0000f7f2487c79f10373b342cf2fc0aa4	
15										
16										
17										
10										

Code:

```
function proofOfWork(sheet,index,range){
 var chr2Range = range.getA1Notation();
  sheet.getRange(13,index+1).setFormula('=CONCATENATE('+chr2Range+')');
 str = sheet.getRange(13,index+1).getValue()+'Nonce';
 {\bf var\ asciiString\ =\ '0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ';\ //possible\ values\ of\ nonce}
 var nonce = '';
 var blockStr = '';
 var hash = '';
 var threeZerohash = '';
 var threeZerononce = '';
  //nonce length 1
 for(var i=0;i<asciiString.length;i++){</pre>
   nonce = asciiString[i];
   blockStr = str+nonce;
   hash = SHA256(blockStr);
   if(hash.substring(0,3) == '000' \& three Zerohash == '') \{
    threeZerononce = nonce;
    threeZerohash = hash;
   if(hash.substring(0,4)=='0000'){
     return [nonce, hash];
   }
  //nonce length 2
 for(var i=0;i<asciiString.length;i++){</pre>
   for(var j=0;j<asciiString.length;j++)\{
     nonce = asciiString[i]+asciiString[j];
     blockStr = str+nonce;
     hash = SHA256(blockStr);
     if(hash.substring(0,3)=='000'&&threeZerohash==''){
     threeZerononce = nonce;
     threeZerohash = hash;
     if(hash.substring(0,4)=='0000'){
     return [nonce, hash];
  //nonce length 3
  for(var i=0;i<asciiString.length;i++){</pre>
   for(var j=0;j<asciiString.length;j++){</pre>
     for(var k=0;k<asciiString.length;k++){</pre>
       nonce = asciiString[i]+asciiString[j]+asciiString[k];
       blockStr = str+nonce;
       hash = SHA256(blockStr);
       if(hash.substring(0,3)=='000'&&threeZerohash==''){
         threeZerononce = nonce;
         threeZerohash = hash;
       if(hash.substring(0,4)=='0000'){
```

```
}
}
}
//nonce length 4
for(var i=0;i<asciiString.length;i++){
    for(var j=0;j<asciiString.length;j++){
        for(var k=0;k<asciiString.length;k++){
            for(var k=0;k<asciiString.length;k++){
                nonce = asciiString[i]*asciiString[j]*asciiString[j];
                blockStr = str+nonce;
                hash = sNA256(blockStr);
            if(hash.substring(0,3)=='808'&SthreeZerohash==''){
                 threeZerononce = nonce;
                 threeZerononce = nonce;
                     threeZerononce, hash;
            }
            if(hash.substring(0,4)=='8080'){
                 return[nonce,hash];
            }
        }
        return [threeZerononce,threeZerohash];
}
</pre>
```