HASH Function:

1. convert the 3 char's to their 3 ASCII codes
    (giving 3 int's, all between 65 to 90, inclusive)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90

2. multiply those 3 numbers together
    (giving a number between 65*65*65=274,625   through   90*90*90=729,000)

3. use the famous "division-remainder" algorithm to get homeAddress
              (i.e., use the remainder (the % operator) from dividing step #2 result by MAX_N_HOME_LOC)
    (giving a number between 0 and MAX_N_HOME_LOC – 1, inclusive)

4. return that as the homeAddress

Country Code	DRP (ID)	3 ASCII codes	Multiplied together	Home Address
MEX	12			
CHN	3			
JPN	9			
USA	6			
FRA	19			
BEL	27			
GBR	17			
HTI	30			
VEN	22			
NIC	31			
POL	20			
YEM	24			
EGY	15			
LBN	32			
IND	4			
OMN	33			
DEU	13			
SOM	28			
WSM	36			
KEN	21			
XVI	1			
QAT	35			
ZWE	25			
RUS	8			
TCA	37			
ATA	39			

This structure is NOT in memory – it's just a worksheet to determine HOME ADDRESS (based on HashFunction)