1. **Write a program to insert the keys 50, 70, 76,93 using a simple hash function as “key mod 5” using Linear Probing.**
2. **Let us consider table Size = 7, hash function as Hash(x) = x % 7, Insert = 22, 30, and 50 using mid-square method and resolve the collision using quadratic probing where c1=0 and c2=3.**
3. **Insert the keys 27, 43, 692, 72 into the Hash Table of size 7 using folding method and avoid the Collison using first hash-function is h1​(k) = k mod 7 and second hash-function is h2(k) = 1 + (k mod 5). Write a program using Double Hashing.**
4. **Demonstrate the insertion of keys 28, 5, 19, 15, 33, 12, 17, 77, 20 into hash table with 9 slots and**
5. **collisions resolved by**
6. **Write a program to insert 28, 5, 19, 15, 33, 12, 17, 77, 20 into hash table with 9 slots using division method and resolve the collision by using Linear Method.**
7. **Write a program to insert 73, 45, 37, 65, 77, 88, 100, 121 into a hash table with 11 slots using multiplication method and resolve the collision using quadratic probing with c1=0 and c2=2**