PROGRAM NO :- 1

A positive whole number ‘n’ that has ‘d’ number of digits is squared and split into two pieces, a right-hand piece that has ‘d’ digits and left-hand piece that has remaining ‘d’ or ‘d-1’ digits. If the sum of two pieces is equal to thw number. Then ‘n’ is a Kaprekar number. The first few numbers are 9,45,297…

Eg:

Input : 9

92 =81,

Right hand piece of 81=1

Left hand piece of 81=8

Sum = 1+8=9 i.e equal to the number