// storage and memory

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pragma solidity >0.5.0<0.9.0;

// memory key use karte jab to vo blockchain/ contract me save nahi hota.

// local var contract/ bc me save nahi hote.

//memory use karne par koi gas charge nahi hota.

//static var sare blockchain me jate aur gas eat karte.

contract c1

{

    string[] public s1=["k","j","kk"]; // dynamic array

    function f1() public  view

    {

        string[] memory s=s1; // s is pointer of main data but memory me hai , local cache

        // string is in local var, so use memory for it. local cache type ka

        s[0]="sriesti";

    }

    // stoarge: using keyword we are puuting data in main blockchain, while memory is just like cache memory, memory data wiped after a function ends but storage will aways with blockchain , never mess it.

    function f2() public

    {

        string [] storage s=s1; // s is pointer to main  stoarge(blockain ya contract par).

        // main contract me overwrite hoga through "storage" but vice versa with memory.

        s[0]="ppppp";

    }

}