String in c Programming The string can be defined as the one-dimensional array of comments characters terminated by a null ("103). The character away or the string is used to manipulate text such as word or sentences : Each character in the away occupies one byte of memory, and the east character must always be O The termination character ((10) is important in string since it is the oneyway to identify where the string ends (2) By Strang Literal :- is a Seonence of Zerice more string Decearation in C multiple characters enclosed ? no double- or notes, as (1) by char amay in "abc". String literals are not modifiable. 1) string by charl array count = 0; [oracli] 2 16 Hours Ten 2197; (0) . [3] 5 11 80, c. (3) 5 3 4 5 100 101 105 103 104 102 109 104 108 1 Assigning character by character without Size address+ we can assign character by character without Size with the NULL Character at the end. The Size of the stringuis determined by the compiler automatically. autom atically Chast ch[] = {'I', (n', '1', 's', 'a', 'n', 'i', '1', '10') wand the mort shoarcefted a Strang efterau without Size will some margar a Strang amount of the strange without of the strange of the str Char name[] = "Indranie"; = [[i]; How tom the abolitanguliteral with a Prede fined Give Dxx Base 3 wind and both ones souls xx c. prinzeput. = Consident for the Share schools semmen # Predude (Statio. 4) g (Jugara plov in the Seam L function. trienty (menter a Strange In); #include (stdio.h) # include (string n) man int main () } freward fred [12] = { c I , (N, 'D', (A', (N')) paraments in Charlant 2 (15) - 62", Inda anthis us Printy ("/s/m", name); prints (1/8/n", name 2); return 0;

Burnal J W Shunsto Traversing Straing The strang can be defined as the one-dimension prints as services of system out manipulate text such as word or sentenced, summin sitt contin the and one of memory, and the east character much about be O. using the Length of the Chrining to the Shing the grist and so with the shing the shings and shings with the shings and shines are shings and shings and shings and shines are shines and shines and shines are shines and shines and shines are shines and s At a program to counting the number of Vouces intastining to pure ant & it says grandinclude (stdio.h) The crack come was a series (2) By String literal :- is a sconcince of =000 muetalinastaria aluga energe anterior D of one of 3h chan assent int i=0; int count = 0; where dixilist, "", "a", "o", 3 (8617==103 H8617 है। है। कि के 103 104 108 104 108 character by character without Jize we can ousign character the six of the before without size with the nour character at the campiters at the campiters at the campiters. Gustown arrically Chan (VE) - fit; (M), (9), (2); (a), (M), (1), (1) using the NULL Character Some program Pame line of code trust miner Change mure (2017 = MOLL); Accepting String as the imputation of which the above code will not work fire space geparated strangs. To make this "Lundron " code working for the space separated #include (Stdio. 4) to strings, the minor change remired void main () } in the Seanf Sunction. char 5 [26]; prints ("Entira String: /n?); Scanf ("108[2/n] \$ " 3 Print I ("You enterted of 8 2", 85) I afor store the strang & while the new sine (in) is encountered. (fing is encountered. ((2 2 maps (18 / 1) I things TINO A MAR CHE io wenter

gets () and puts () functions in C The gets () and puts () are declared in the header free Staio. H. Both the functions are (myorked in the input couput operations of the Strong) c gets () function The gets () function enoughly the user to entry Some Characters ? followed by the enter key. All the characteris entered by the usus get Stored Pn a character array. The gets () auroused the user to enter the Space-Sepanated Strings ([02] sman in user to enter the Space Sepanated Strings ([02] sman the gets () function is nisky to use since per does not Distrim and (" 121 some reading the characters write the Printz (" Enter a faning In"); (2 mon) stuff & (nt main () Enan S (207) gets (5); Prints ("75", 3); Burne German of or Between - Cermans Just remoter of or Brand For reading a string value with lines from the specified thream and A Toris it into the String pointed to by 3+0, 5+ Stops when either (m-1) characterif are read, the newtine Charactering is reading on the end of file char * fgets (char * sto, int the File + Stream) Esyntax) example of Let's southermaximum no of characters are is and input length 18 greater from 15 but still figet 5 () will read only 13 character and print it finelude (stdio. N) # include (stdio. h) # metude (strang. 4) int main () } chan Str[15] () Nuom to facts (str. 15, stdin) 2 CORING HONS Base C. " 1.8 /" " 642) & Cossen Goods Printy ("value of Second Strains minist on 2); actuary 03

The puts () function is very much Similar to Printz () function. The puts () to function is used to print the Straing on the console munich is previously read by using gets () or Scant () function. C puts () function The dets () function encused for user Knights Supplied of the users So momed by the earth with the dets () and he dessel and the news of Line of the spare of the action is missing the The moster son exprent (" Enter your name: [" "); Treads String from user Grame the checking and keep worker the I want the current of the count of the count of the Print (a contest or faminal m.). (summe) stud Maispeau string (8) 2 to post (C.5 % 5-1-1) Fraing C String Library Functions neturn 03 1 Storen (string name) - Returns for Lengto of a String bros mass of include (8+dio. h) (f. 1) the went of the child forme of the chart of the ch Prints (" renden of Stuing -1- 9, storen (en) 330000 ENON * FLACTS (ENON & STA, MATHER, LIFE & STATEMEN) 2) stocey (distinction Source) - copies the contents of Source Strong #finelude(stdio.n) Th. of Birt 2 years on it #include (string, h) 3 () Na months (1 Kisom tri enan stock (2+8, 18, 8+8in) = Colons chast staff18 13 chan chacae); ("/s,") [thang Printy ("Value of Second String Mid 3 ch 2);

3 Stocat (first Stoing, Second String) -- Concerns and Joins first String with Second String the cottes amount #inelude (stdio. h) the interest extending # include (string.h) of Busets rate of Cold of the wheel? int main () chan en (20) = { "th?" (2) (2) char ch2 [10] = { 'N', 'I', 'L', 'Jo' }; Company the first string with Second string. lest both strings are fame, it (4) Stremp (first string, Second- String Travers Jampst S (Lets) 2008 245 = 1000 (Sans #include (stdio.h) #include (strong) - frotat & frotat & from - (Brists) refuses int main () Char Strice 1st String: "); Prints ("Enter 1st String: "); what is stand in c) Expain with example barriotation with the chains stand one is the chains stand with the stand of the chains when it was a petine stains whereast were about Events a state of dets (8421), Beint? ("Stander and Stand Buiets Buiens Sinte Canto ("State State) = 6 Stand Buiets Buiens Sinte Canto ("State State) = 6 Stand Buiets Buiens Sinte 11) tosets (1) gets (2+02); sostetil Briefs on to tolk 81 to Juse ? Prints (" Not enual"); return 03

(6) Store V (stoing) - Detwins Revenue Browney Courts to # melude (stdio.n) of in chude (state in) # include (string.h) <4. Buiets > opnyous # int main () : Jepan Str [30] p, ser string; (I western tong Printy (a Britis a Bloing): [Oc) No RONS dets (212); D., N. 2 = [01] 542 KON? No Prints (ustoing 1.5% stray) 3/10 +100848 nev- String = street (sta); Prints ("Reverse String 1-3") revistoing) co mentalist stains with Seemed Guls 18 - pross & Bulloura Case Returns 3+5mg Storma (stoing TOO JONGS = Stalma (842)? Stoups (stoing) - Returns String charactery on up we cale () neom tri appel = Starbie (2007) jests (500) 1848 mayo V. V. I QUESTIONS Ziming what is strong in c Expeain with example of write a c program to reverse a string given as user input? to Define String Litureal? Wright a short note about this following storing function. gets (), puts (), facts (); stocet (); stocet (); Stacmbe) in staben () Prints (" not con al"): return Oi