| | Date 6 Nov 2023 Page | |
|---------------------------------------|--|-------------|
| | | |
| 7 | Day - 50 | ٦ |
| | Strings | |
| =) | we have diff: types of datatypes to store | |
| =1 | different types of data. | - |
| | chan for characters. | |
| | tood for boolean. | |
| | A CONTRACTOR OF THE PROPERTY O | |
| =1 | Nows if we want to stone a word then we | |
| · · · · · · · · · · · · · · · · · · · | can use chan too, as - | |
| | Ex: Apple A P P L E | |
| | | |
| 13 | For taking ilp from user - | |
| * 4 | chan amclo]; | |
| | fon(i=0; i< 10ii+€) | - |
| | cin>> an(i); | |
| =\ | | |
| | Sometimes , user enter enter a structured less than 10 than — | |
| - (| we can use - | |
| 100 | char antex; | |
| | for tea; ic | |
| | cin >> an; | |
| | A B B C C C C C C C C C C C C C C C C C | |
| | APPLEWWOV | |
| | 10 = Null Char | |
| | The same of the first the same of the same | |
| D. | and a few managements of the second | The same of |
| | | |

K 18

Date Page It will used to terminate the to pointer when print the arr. Chan takes 1 Bytes of space. In this method, there is aproblem that we have to give the size of the array So, to solve this problem, we use string, 1 that uses dynamic memory allocation. String S; cin >> Si contas; 012345 Robit the indernal implement, String S = " Robit"; I we enter a string like this -=) Robit Negi 0 1 2 3 4 5 6 7 8 9 R 0 h i t N e 9 i (R O I ... O/p -> Robit cin stops the reading whenever we space. Fab on enter cames.

| | Date Page |
|---------|--|
| | Date |
| | |
| 7 600 | Instead we will use getline (cin. S); |
| =1 | Size of String -> S. Sizel); |
| =1 | Combining String |
| | S1 = "Rohit" > S2 = "Mohit"; |
| | String S3 = S1 + S2 = "Rohit" + "Mohit" = "RohitMohit" |
| | = "Rohit" + "Mohit" |
| | = "RohitMohit" |
| عا | S. push_back('P'); |
| = | S. pop-back (); |
| | |
| = | If we want to print a line like this - |
| | Rohit is a "good" boy. |
| =(| String S= "Rohit Negi is a "good" boy"; |
| | It will only point up to this Hene it will git |
| | eman |
| = | To solve this problem, we use - |
| | Escape chan. (1) |
| - | Sc. |
| , , , , | String S = "Robit Negi is a \"good\" boy"; |
| * | Roverse a String |
| | start = 0 , end = s, size() -1; |
| Wing? | while (start rend) { |
| | swap (scstart], scend]); |
| | stant++ 1 end; |
| |) |

