(C) we can be the control of the con
10d ~ 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
The special section is the
Strings To INTEGERS STRINGS
Junio 15 a Sequence of charactersustored in an atrau and
terminated by a null character.
Program for roman numbers to integer string conversion
9 (it for the state of the sta
Alcyorithm:
of Diagnation of the sail of the
Step 1: Initialize a variable total, to store the result.
steps: Iterate through the roman numeral string;
tor each character in the string, convert the roman
numeral to its integer value.
Step 3: Check if the next numeral answerger tham the current one
number it yes a subtracting the current numeral from the
ment and the result and to total.
If no - add the current numeral value to statal.
Step 4: Once all characters are processed return the total integer
value. innuit at thici
December 1
Program:
the duty and the training of the second of t
#include 26tdio.h>
#Includes string h>
WEInstein to get the Interes will a me
Intromantoint (charc) &
Switch (c) \$
The state of the s
case 'I': return 1;
case 'V': return 5;

```
case 'X': return 10;
           case 'L': return 50;
           case 'c': return 100;
            Case: Diretain 600;
           case 'M': return 1000;
          Hodefault to return digitato pe escapero e se continue
// function to convert a roman numeral string to an integet.
int convert Roman To Int (char *s) $
                                                 a ordiner!
      int total = 0;
     int length = strlen(s);
     for (int 1=0; 124 ength; litt) soldsiner & octablic is ast
          int current = romanto int ($ (1))
   int hext (it1) ! foman foint ($ [i+1]):0;
 ere insumif setcument up next is to Dunie inset set is ind 18 9215
 The role to me of totals + = Chest - chirent);
                ાં કરેલું પ્રત્યા કરાયા કે કેઇલ કર્યા છે.
      o - This the count bowned value to $10 tal.
       icidelses ambi bassing an aminimical in and ribers
               total + = current :
                                                   tanpari, *
       return total;
int main () $
    char roman (20);
  print ("Enter a Roman numeral" "); " of of of or
    Scanf ("1.5", roman);
    int result = convert Roman To Int (roman);
    prints ("Integer value: 1/d in", result);
    -return 0;
```

Input:-Enter a Roman numeral: IX Enter a Roman numeral: MCMXC Output:-Integer value: 9 Integer value: 1990.