**Assignment 10**

#include <stdio.h>

//    1 mystrcpy    -done

// b  2 mystrlen    -done

// c. 3 mystrcmp    -done

// d. 4 mystrcat    -done

// e. 5 mystrncpy   -done

// f. 6 mystrupper  -done

// g. 7 mystrlower  -done

// h. 8 mystrrev    -done

// i.9 mystrstr     -done

// j.10 mystrcasecmp-done

// k.11 mystrchr    -done

// l.12 mystrrchr   -done

// m.13 mystrncmp   -done

// n.14 mystrnstr   -done

// o.15 mystrncat   -done

// p.16 mystrncasecmp-done

*void* showMenu();

*char* \*myStrCpy(*char* \*, *char*[]);         // 1

*int* myStrLen(*char*[]);                   // 2

*int* myStrCmp(*char*[], *char*[]);           // 3

*char* \*myStrCat(*char*[], *char*[]);         // 4

*char* \*myStrNCpy(*char* \*, *char*[], *int*);   // 5

*char* \*myStrUpper(*char* \*);               // 6

*char* \*myStrLower(*char*[]);               // 7

*char* \*myStrRev(*char*[]);                 // 8

*char* \*myStrStr(*char*[], *char*[]);         // 9

*int* myStrCASECmp(*char*[], *char*[]);       // 10

*char* \*myStrChr(*char*[], *char*);           // 11

*char* \*myStrRChr(*char*[], *char*);          // 12

*int* myStrnCmp(*char*[], *char*[], *int*);     // 13

*char* \*myStrNStr(*char*[], *char*[]);        // 14

*char* \*myStrNCat(*char*[], *char*[], *int*);   // 15

*int* myStrNCASECmp(*char*[], *char*[], *int*); // 16

*void* main()

{

*char* str1[50], str2[50];

*int* ch = 50;

    while (ch)

    {

        showMenu();

        printf("\nEnter your choice:");

        scanf("%d", &ch);

*char* chr;

*char* \*x;

*int* n;

        // Switching On Different choices

        switch (ch)

        {

        case 0:

            break;

            // length

        case 1:

            printf("\nEnter A String:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\n%d: is length of your String.", myStrLen(str1));

            break;

            // Copy

        case 2:

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\n%s: Copied in str2", myStrCpy(str2, str1));

            break;

            // concat

        case 3:

            printf("\nTo concat two strings:");

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\nEnter String 2:");

            fflush(stdin);

            scanf("%s", str2);

            printf("\n%s: is Concated string.", myStrCat(str1, str2));

            break;

            // compare

        case 4:

            printf("\nTo compare two strings:");

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\nEnter String 2:");

            fflush(stdin);

            scanf("%s", str2);

            if (myStrCmp(str1, str2))

            {

                printf("\nStrings are not Equal.");

            }

            else

            {

                printf("\nStrings are Equal.");

            }

            break;

        case 5:

            // str ncpy

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

*int* n;

            printf("\nEnter number of chars you want to copy in string 2: ");

            scanf("%d", &n);

            printf("\n%s: Copied in str2", myStrNCpy(str2, str1, n));

            break;

            // ToUpper

        case 6:

            printf("\nConvert your string in capital:");

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\n%s: Your string in allCap", myStrUpper(str1));

            break;

        case 7:

            // LowerCase

            printf("\nConvert your string in Lowercase:");

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\n%s: Your string in lower Case", myStrLower(str1));

            break;

        case 8:

            // Reverses

            printf("\nReverse The string:");

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\n%s: Reverse Result", myStrRev(str1));

            break;

        case 9:

            printf("\nSearch Substring in string:");

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\nEnter SubStr:");

            fflush(stdin);

            scanf("%s", str2);

            x = myStrStr(str1, str2);

            if (x)

            {

                printf("\nSubstring %s Found at index :%d", str2, x - str1);

            }

            else

            {

                printf("\nSubstring Not found.");

            }

            break;

        case 10:

            printf("\nTo compare two strings CASECMP:");

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\nEnter String 2:");

            fflush(stdin);

            scanf("%s", str2);

            if (myStrCASECmp(str1, str2))

            {

                printf("\nStrings are not Equal.");

            }

            else

            {

                printf("\nStrings are Equal.");

            }

            break;

        case 11:

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            // char ch;

            printf("\nEnter  Char you want to search in String First Occurance: ");

            fflush(stdin);

            scanf("%c", &chr);

            x = myStrChr(str1, chr);

            // printf("\n%u is string base address:", str1);

            // printf("\n%u is returned address:", x);

            if (x)

            {

                printf("\nChar %c Found at index :%d", chr, x - str1);

            }

            else

            {

                printf("\nCharacter Not found.");

            }

            break;

        case 12:

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\nEnter  Char you want to search in String LAST Occurance: ");

            fflush(stdin);

            scanf("%c", &chr);

            x = myStrRChr(str1, chr);

            if (x)

            {

                printf("\nChar %c Found at index :%d", chr, x - str1);

            }

            else

            {

                printf("\nCharacter Not found.");

            }

            break;

        case 13:

            printf("\nTo compare two strings:");

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\nEnter String 2:");

            fflush(stdin);

            scanf("%s", str2);

            printf("\nEnter no of chars you want to compare:");

            scanf("%d", &n);

            if (myStrnCmp(str1, str2, n))

            {

                printf("\nStrings are not Equal.");

            }

            else

            {

                printf("\nStrings are Equal.");

            }

            break;

        case 14:

            printf("\nSearch Substring in string Last Occurance:");

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\nEnter SubStr:");

            fflush(stdin);

            scanf("%s", str2);

            x = myStrNStr(str1, str2);

            if (x)

            {

                printf("\nSubstring %s Found at index :%d last occurance.", str2, x - str1);

            }

            else

            {

                printf("\nSubstring Not found.");

            }

            break;

        case 15:

            printf("\nTo concat two strings upto n no of chars:");

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\nEnter String 2:");

            fflush(stdin);

            scanf("%s", str2);

            printf("\nEnter no of chars you want to copy:");

            scanf("%d", &n);

            printf("\n%s: is Concated string.", myStrNCat(str1, str2, n));

            break;

        case 16:

            printf("\nTo compare two strings CASECMP:");

            printf("\nEnter String 1:");

            fflush(stdin);

            scanf("%s", str1);

            printf("\nEnter String 2:");

            fflush(stdin);

            scanf("%s", str2);

            printf("\nEnter no of chars you want to Compare:");

            scanf("%d", &n);

            if (myStrNCASECmp(str1, str2, n))

            {

                printf("\nStrings are not Equal.");

            }

            else

            {

                printf("\nStrings are Equal.");

            }

            break;

        default:

            printf("\nInvalid Choice broooo!!!!!!!");

            break;

        }

    }

}

*char* \*myStrCpy(*char* \**dest*, *char* \**src*)

{

*int* i;

    for (i = 0; *src*[i] != '\0'; i++)

    {

*dest*[i] = *src*[i];

    }

*dest*[i] = '\0';

    return *dest*;

}

*char* \*myStrNCpy(*char* *dest*[], *char* \**src*, *int* *n*)

{

*int* i;

    for (i = 0; i < *n*; i++)

    {

*dest*[i] = *src*[i];

    }

    while (i < *n*)

    {

*dest*[i] = '\0';

        i++;

    }

    return *dest*;

}

*int* myStrLen(*char* *str*[])

{

*int* i;

    for (i = 0; *str*[i] != '\0'; i++)

        ;

    return i;

}

*int* myStrCmp(*char* *str1*[], *char* *str2*[])

{

*int* i = 0;

    while (*str1*[i] != '\0' && *str2*[i] != '\0')

    {

        if (*str1*[i] != *str2*[i])

        {

            return *str1*[i] - *str2*[i];

        }

        i++;

    }

    if (*str1*[i] == '\0' && *str2*[i] == '\0')

    {

        return 0; // Strings are equal

    }

    else if (*str1*[i] == '\0')

    {

        return -1; // str1 is smaller (since it's shorter)

    }

    else

    {

        return 1; // str2 is smaller (since it's shorter)

    }

}

*char* \*myStrCat(*char* *str1*[], *char* *str2*[])

{

*int* i, j;

*int* len = myStrLen(*str1*);

    for (i = len, j = 0; *str2*[j] != '\0'; i++, j++)

    {

*str1*[i] = *str2*[j];

    }

*str1*[i] = '\0';

    return *str1*;

}

*char* \*myStrNCat(*char* *str1*[], *char* *str2*[], *int* *N*)

{

*int* i, j;

*int* len = myStrLen(*str1*);

    for (i = len, j = 0; j < *N* && *str2*[j] != '\0'; i++, j++)

    {

*str1*[i] = *str2*[j];

    }

*str1*[i] = '\0';

    return *str1*;

}

*char* \*myStrUpper(*char* *str*[])

{

    for (*int* i = 0; *str*[i] != '\0'; i++)

    {

        if (*str*[i] >= 'a' && *str*[i] <= 'z')

        {

*str*[i] = *str*[i] - 32;

        }

    }

    return *str*;

}

*char* \*myStrLower(*char* *str*[])

{

    for (*int* i = 0; *str*[i] != '\0'; i++)

    {

        if (*str*[i] >= 'A' && *str*[i] <= 'Z')

        {

*str*[i] = *str*[i] + 32;

        }

    }

    return *str*;

}

*char* \*myStrRev(*char* *str*[])

{

*int* len = myStrLen(*str*);

*char* temp[20];

*int* j = 0;

    for (*int* i = len - 1; i >= 0; i--, j++)

    {

        temp[j] = *str*[i];

    }

    temp[j] = '\0';

*int* i;

    for (i = 0; temp[i] != '\0'; i++)

    {

*str*[i] = temp[i];

    }

*str*[i] = '\0';

    return *str*;

}

*char* \*myStrChr(*char* *str1*[], *char* *chr*)

{

    for (*int* i = 0; *str1*[i] != '\0'; i++)

    {

        if (*str1*[i] == *chr*)

        {

            return &*str1*[i];

        }

    }

    return NULL;

}

*char* \*myStrRChr(*char* *str*[], *char* *chr*)

{

    for (*int* i = (myStrLen(*str*) - 1); i >= 0; i--)

    {

        if (*str*[i] == *chr*)

        {

            return &*str*[i];

        }

    }

    return NULL;

}

*int* myStrnCmp(*char* *str1*[], *char* *str2*[], *int* *n*)

{

    for (*int* i = 0; i < *n*; i++)

    {

        if (*str1*[i] != *str2*[i] || *str1*[i] == '\0' || *str2*[i] == '\0')

        {

            return *str1*[i] - *str2*[i];

        }

    }

    return 0;

}

*int* myStrCASECmp(*char* *str1*[], *char* *str2*[])

{

*char* tempStr1[256];

*char* tempStr2[256];

    myStrCpy(tempStr1, *str1*);

    myStrCpy(tempStr2, *str2*);

*char* \*tempstr11 = myStrLower(tempStr1);

*char* \*tempstr12 = myStrLower(tempStr2);

    for (*int* i = 0; tempstr11[i] != '\0' || tempstr12[i] != '\0'; i++)

    {

        if (tempstr11[i] != tempstr12[i])

        {

            return tempstr11[i] - tempstr12[i];

        }

    }

    return 0;

}

*int* myStrNCASECmp(*char* *str1*[], *char* *str2*[], *int* *n*)

{

*char* tempStr1[256];

*char* tempStr2[256];

    myStrCpy(tempStr1, *str1*);

    myStrCpy(tempStr2, *str2*);

*char* \*tempstr11 = myStrLower(tempStr1);

*char* \*tempstr12 = myStrLower(tempStr2);

    for (*int* i = 0; i < *n*; i++)

    {

        if (tempstr11[i] == '\0' || tempstr12[i] == '\0')

        {

            return tempstr11[i] - tempstr12[i];

        }

        if (tempstr11[i] != tempstr12[i])

        {

            return tempstr11[i] - tempstr12[i];

        }

    }

    return 0;

}

*char* \*myStrStr(*char* *str*[], *char* *substr*[])

{

    if (*substr*[0] == '\0')

    {

        return *str*;

    }

    for (*int* i = 0; *str*[i] != '\0'; i++)

    {

*int* j = 0;

        while (*str*[i + j] != '\0' && *substr*[j] != '\0' && *str*[i + j] == *substr*[j])

        {

            j++;

        }

        if (*substr*[j] == '\0')

        {

            return &*str*[i];

        }

    }

    return NULL;

}

*char* \*myStrNStr(*char* *str*[], *char* *substr*[])

{

    if (*substr*[0] == '\0')

    {

        return *str*;

    }

*char* \*last\_occurrence = NULL;

    for (*int* i = 0; *str*[i] != '\0'; i++)

    {

*int* j = 0;

        while (*str*[i + j] != '\0' && *substr*[j] != '\0' && *str*[i + j] == *substr*[j])

        {

            j++;

        }

        if (*substr*[j] == '\0')

        {

            last\_occurrence = &*str*[i];

        }

    }

    return last\_occurrence;

}

*void* showMenu()

{

    printf("\n\t{||--- MENU ---||}\n");

    printf("\n0)  Exit");

    printf("\n1)  Calculate Length of string.\t2)  Copy into other string.\t3)  Concat two strings.\n4)  Compare two strings.\t5) Copy N no of chars into second string. \t6) Convert to Upper Case.\n7)  Convert to LowerCase \t8)  Reverse the string.\t9) Search Substring in String.\n10)To compare two strings CASECMP. \t11) Search Character first occurance in String \t12) Search Character Last occurance in String.\n13) Compare two strings upto n characters.\t14) Search Substring in String STRNSTR. \t15) Concat n no of characters in string1 from string 2.\n16) String Comparision on basis of case");

}

Output:

PS C:\Code> & 'c:\Users\bhagv\.vscode\......\TDM-GCC-64\bin\gdb.exe' '--interpreter=mi'

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:1

Enter A String:Bhagvat

7: is length of your String.

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:2

Enter String 1:Bhagvat

Bhagvat: Copied in str2

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:3

To concat two strings:

Enter String 1:Bhagvat

Enter String 2:Mutthe

BhagvatMutthe: is Concated string.

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:4

To compare two strings:

Enter String 1:Bhagvat

Enter String 2:bhagvat

Strings are not Equal.

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:4

To compare two strings:

Enter String 1:Bhagvat

Enter String 2:Bhagvat

Strings are Equal.

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:5

Enter String 1:Bhagvat

Enter number of chars you want to copy in string 2: 3

Bha: Copied in str2

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:6

Convert your string in capital:

Enter String 1:bhagvat

BHAGVAT: Your string in allCap

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:7

Convert your string in Lowercase:

Enter String 1:BHAGVAT

bhagvat: Your string in lower Case

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:8

Reverse The string:

Enter String 1:bhagvat

tavgahb: Reverse Result

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:9

Search Substring in string:

Enter String 1:imbhagvatandimboy

Enter SubStr:im

Substring im Found at index :0

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:10

To compare two strings CASECMP:

Enter String 1:BHAGVAT

Enter String 2:bhagvat

Strings are Equal.

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:11

Enter String 1:imbhagvatmutthe

Enter Char you want to search in String First Occurance: a

Char a Found at index :4

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:12

Enter String 1:imbhagvatmutthe

Enter Char you want to search in String LAST Occurance: a

Char a Found at index :7

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:13

To compare two strings:

Enter String 1:Bhagvat

Enter String 2:Bhagvavavt

Enter no of chars you want to compare:3

Strings are Equal.

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:14

Search Substring in string Last Occurance:

Enter String 1:imbhagvatmuttheandimsmart

Enter SubStr:im

Substring im Found at index :18 last occurance.

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:15

To concat two strings upto n no of chars:

Enter String 1:Bhagvat

Enter String 2:Muttheismylastname

Enter no of chars you want to copy:6

BhagvatMutthe: is Concated string.

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:16

To compare two strings CASECMP:

Enter String 1:Bhagvat

Enter String 2:Bhagvat

Enter no of chars you want to Compare:3

Strings are Equal.

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:78

Invalid Choice broooo!!!!!!!

{||--- MENU ---||}

0) Exit

1) Calculate Length of string. 2) Copy into other string. 3) Concat two strings.

4) Compare two strings. 5) Copy N no of chars into second string. 6) Convert to Upper Case.

7) Convert to LowerCase 8) Reverse the string. 9) Search Substring in String.

10)To compare two strings CASECMP. 11) Search Character first occurance in String 12) Search Character Last occurance in String.

13) Compare two strings upto n characters. 14) Search Substring in String STRNSTR. 15) Concat n no of characters in string1 from string 2.

16) String Comparision on basis of case

Enter your choice:0

PS C:\Code>