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1: #include <stdio.h>
2: #include <string.h>
3: //all built in String functions
4:
5: void main()
6:
7: {
8:
9:     int ch;
10:    char s1[100] = "FirstBit";
11:    char s2[100] = "Firstbit";
12:    puts(s1);
13:    puts(s2);
14:    printf("...Your Menu...");
15:    printf("\n1 for Knowing Length of String");
16:    printf("\n2 for Comparing Strings");
17:    printf("\n3 for Concatenating String");
18:    printf("\n4 for Copying String");
19:    printf("\n5 for Printing from occurence of that
    Character in String");
20:    printf("\n6 for non Case Sensitive Comparing String");
21:    printf("\n7 for Uppercaseing String");
22:    printf("\n8 for Lowercasing String");
23:    printf("\n9 for Reversing String\n");
24:    scanf("%d",&ch);
25:    //strlen()
26:    if(ch==1)
27:    {
28:        printf("....For Strlen()...");
29:        printf("\nLength of string '%s' : %d", s1,
        strlen(s1));//its also counting space
30:
31:    //for n
32:        printf("\n....For Strnlen()...");
33:        printf("\nLength of string '%s' : %d",s1,strnlen(s1,
        4));//strn not str
34:    }
35:    if(ch==2)
36:    {
37:
38:    //strcmp()
39:        printf("\n....For Strcmp()....");

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40:     if (strcmp(s1,s2)==0)
41:     {
42:         printf("\nThe Strings Are Equal");
43:     }
44:     else
45:         printf("\nThe Strings Are Not Equal");
46:
47: //for n
48:     printf("\n....For Strncmp()....");
49:     if(strncmp(s1,s2,4) ==0)
50:     {
51:         printf("\nThe Strings Are Equal");
52:     }
53:     else
54:         printf("\nThe Strings Are Not Equal");
55:
56: }
57: if(ch==3)
58:     {
59:
60:         //char r[10]="Hello";
61:         //char z[10]="Ravi";
62:
63: //strcat()
64:
65:     printf("\n....For Strcat()....");
66:     strcat(s1,s2);
67:     printf("\nThe New s1 is %s",s1);
68:
69: //strncat
70:
71:     printf("\n....For Strncat()....");
72:     strncat(s1,s2,1);
73:     printf("\nThe New s1 is %s",s1);
74: }
75: if(ch==4)
76:     {
77:
78: //strcpy
79:         //char f[100]="Namaste";
80:         //char i[100]="India";
81:
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82:     printf("\n....For Strcpy()....");
83:     strcpy(s1,s2);
84:     printf("\nThe New s1 is %s",s1);
85:
86: //strncpy
87:
88:     printf("\n....For Strncpy()....");
89:     strncpy(s1,s2,5);
90:     printf("\nThe New s1 is %s",s1);
91: }
92: if(ch==5)
93:     {
94:
95: //strchr.....it takes string and char as input ..for first
occurence
96:
97:     printf("\n....For Strchr()....");
98: // char hrr[100]= "hellos bye see";
99:     printf("\nThe New s1 is %s",strchr(s1,'l'));// op=Llos
bye see
100:
101: //strrchr...last occurence se output
102:
103:     printf("\n....For Strrchr()....");
104:     printf("\nThe New s1 is %s",strrchr(s1,'l'));//op=Los bye
see
105: }
106:
107:
108: //strcasecmp () or stricmp both are same Compare with case
sensitivity//
109:
110: if(ch==6)
111:     {
112:
113: //char st1[70] = "STrING";
114: //char st2[70]= "string";
115: int result;
116: printf("\n....For Strcasecmp()....");
117: result = stricmp(s1, s2);
118: if (result == 0)
119:     printf("\nStrings are equal.\n");

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120:
121:     else if (result < 0)
122:         printf("\n %s is less than %s", s1, s2);
123:
124:     else
125:         printf("\n %s is greater than %s", s1, s2);
126: }
127:
128: //uppercase
129:
130:     //strupr(s2);
131: if(ch==7)
132:     {
133:
134:         printf("\n....For Strupr()....");
135:         printf("\nYour String in Uppercased %s",strupr(s2));
136:     }
137: //Lowerupr(s2);
138: if(ch==8){
139:
140:     printf("\n....For Strlwr()....");
141:     printf("\nYour String in Lowercased :%s",strlwr(s1));
142: }
143:
144: //Reverse
145: if(ch==9)
146:     {
147:
148:         printf("\n....For Strrev()....");
149:         printf("\nYour String in Reversed %s",strrev(s2));
150:     }
151: }
```