

Assignment - 18

1 - #include <stdio.h>
void length (char [])

int main ()

{

char a [10] = "Ritik";

length(a);

return 0;

}

void length (char s[])

{

int i;

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

printf ("Length is %d", i);

}

2 - #include <stdio.h>

void length (char [])

int main ()

{

char a [10] = "Ritik";

length(a);

}

Void length (char m[])

{

int l; i;

l = strlen(m)

for (i = l - 1; i >= 0; i--)

8

printf("%c", m[i]); // (char) do not know
(char) main()

9

4- #include <stdio.h>
#include <string.h>
void ToUpper(char []);
int main()

8

char a[10] = "Ritik";
ToUpper(a);
return 0;

9

void ToUpper(char m[]); // (char) do not know
{

8

printf("%s",strupr(m)); // (char) do not know
}

9

5- #include <stdio.h>
#include <string.h>
void ToLower(char []);
int main()

8

char a[10] = "RITIK";

ToLower(a);

return 0;

9

void ToLower(char n[])

8

printf("%s",strlwr(m));

9

6 - #include <stdio.h>

void check (char n []) ; // (a) + third
int main ()

{

char a[10] "Ritik12";

check(a);

return 0;

3

void check (char m []) :

{

int i, flag = 0;

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

{

if (m[i] >= 'a' && m[i] <= 'z' || m[i] >= 'A' && m[i] <= 'Z')

flag = 1;

if (m[i] >= '0' && m[i] <= '9')

flag = 1;

else

flag = 0;

3

if (flag == 1)

printf("Alphanumeric");

else

printf("Not Alphanumeric");

3

8. #include <stdio.h>
void words(char []);
int main()
{
 char a[100] = "My name is Ritik Kaushik";
 words(a);
 return 0;
}

9. void words (char m []).
{
 int i, count=0;
 for(i=0; m[i]!='\0'; i++)
 {
 if (m[i] == ' ')
 count++;
 }
 printf(" Total Words is %d", count+1);
}

10. #include <stdio.h>
int main()
{
 char str[100];
 printf(" Enter string : ");
 scanf("%s", str);
 if(str[0] == 'a')
 printf(" string starts with a");
 else
 printf(" string does not start with a");
}

As-15-8- #include <stdio.h>

int main()

{

int a[10] = { 10, 20, 30, 50, 60, 10, 10, 10, 10, 20 };

int i, j; // count = 0; i = 0; j = 10; a[i] = a[j];

for (i = 0; i < 10; i++)

{

count = 0;

for (j = i + 1; j < 10; j++)

{

if (a[i] == a[j])

{ count = 1;

a[j] = NULL; // a[i] == a[j] so a[i] = 0; a[i] = 0; a[i] = 0;

}

}

}

if (count == 0 && a[i] != NULL)

{ printf("%d", a[i]); }

3

3. #include <stdio.h>

int compare(char [], char []);

int main()

{

char str1[20], str2[20];

int value;

printf("Enter String 1 \n");

scanf("%s", str1);

printf("Enter String 2 \n");

scanf("%s", str2);

Value = compare (str1, str2);
if (value == 0)
 printf (" Strings are same ");
else
 printf (" Strings are not same ");
return 0;

int compare (char a[], char b[])

{
 int i, flag = 0;
 for (i = 0; a[i] != '\0'; i++)

 if (a[i] != b[i])

 flag = 1;

 break;

 if (flag == 0)

 return 0;

 else

 return 1;

10. #include <stdio.h>
#include <string.h>
int main()

{
 char str[20] = "gutkaushik";
 int l, i, j;

$l = \text{strlen}(\text{strc})$; if ($\text{strc}[l-1] == '\0'$) $\text{strc}[l] = '\text{value}'$
 $\text{for}(i=0; \text{strc}[i] != '\0'; i++)$ ($i = \text{index}$)

{ ($i = \text{current index}$) $\text{strc}[i] = \text{value}$) } $i = \text{new index}$

$\text{for}(j=i+1; j <= l; j++)$

{ ($j = \text{current index}$) $\text{strc}[j] = \text{value}$) } $j = \text{new index}$

$\text{if}(\text{strc}[i] == \text{strc}[j])$ { 0 \rightarrow match }

{

$\text{printf}("y.c", \text{strc}[i]);$

($i = \text{current index}$) $\text{strc}[i] = \text{value}$) } $i = \text{new index}$

{

$i = \text{new index}$

($i++;$ $i = ![\text{i}]$) $\text{strc}[i] = \text{value}$) } $i = \text{new index}$

{

($i = \text{new index}$) $\text{strc}[i] = \text{value}$) } $i = \text{new index}$

$i = \text{new index}$

$i = \text{new index}$

$i = \text{new index}$

0 \rightarrow match

92/9

0 \rightarrow match

<digit> obfuscation

<digit> obfuscation

() \rightarrow match

"obfuscation" - (0-9) \rightarrow 5 digits

: 1, 2, 3, 4, 5