

Assignment - 17

1 - `#include <stdio.h>`

`int main() {`

`}`

`int i;`

`char str[10] = "Ritik";`

`for (i=0; str[i]!='\0'; i++) ;` odd man out

`printf ("Length is %d", i);` odd man out

`}`

2 - `#include <stdio.h>`

`int main() {`

`S`

`int i, count = 0;`

`char str[10] = "people";`

`char ch = 'p';` (() result "2.3") + third

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

`S`

`if (ch == str[i])`

`count++;`

`3`

`printf ("Occurance of T.Y.C. is %d", ch, count);`

3 - `#include <stdio.h>`

`int main() {`

`S`

`int i, count = 0;`

```

char a[10] = "aeiou";
for(i=0; a[i]!='\0'; i++)
{
    if(a[i]=='a' || a[i]=='e' || a[i]=='i' || a[i]=='o'
       || a[i]=='u')
        count++;
}

```

3. $\text{printf}(\text{"Number of vowels are: \%d"}, \text{count})$
 $\text{return } 0;$

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

```

char a[10] = "catik";
printf("%s",strupr(a));
return 0;

```

5- #include<stdio.h>
include <string.h>
S

```

char a[10] = "RITIK";
printf("%s",stlwr(a));
return 0;

```

6- #include <stdio.h>

int main()

{

 int i;

 char a[10] = "RITIK";
 for (i=4; i >= 0; i--);

{

 printf("%c", a[i]);

}

7 #include <stdio.h>

int main()

{

 int i; countA=0, countd=0, counts=0;

 char a[20] = "Ritik#1234";

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

{

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

 else if (a[i]>='0' && a[i]<='9')
 countd++;

 else
 counts++;

}

 printf("Alphabets = %d\n", countA);

 printf("Digits = %d\n", countd);

 printf("Special char = %d", counts);

}

8 - #include <stdio.h>

int i;

char a[10] = "Ritik";

char b[10] = " ";

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

{

 b[i] = a[i];

}

printf("%s", b);

9 - #include <stdio.h>

int main()

{

 char temp; char a[10] = "RitikKavish";

 int i, j;

 for (i=0; i<9; i++)

{

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

{

 if (a[i]>a[j]) { '0' = < r[i,j] > }

}

 temp = a[i];

 a[i] = a[j];

 a[j] = temp;

}

 } (A function "m/b" = std::min(a,b) function)

 } (A function "m/b" = "skipA") function

 } (A function "l/b" = std::leq(a,b)) function

 for (i=0; i<=9; i++)

{

 printf("%c", a[i]);

3

81. ~~transliteration~~

< (P.0112) Bhutan
(E 7 cards) Bhutan
(1 micro film)

"Riti" - FO 17 P. cards
(P.0113)
(1 micro film)

82. ~~transliteration~~
(E 7 cards) Bhutan
(1 micro film)

83. ~~transliteration~~
(E 7 cards) Bhutan
(1 micro film)

84. ~~transliteration~~
(E 7 cards) Bhutan
(1 micro film)

"Riti" - FO 17 P. cards
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(1 micro film)

(E 7 cards) Bhutan
(1 micro film)

"Riti" - FO 17 P. cards
(P.0115)
(1 micro film)