**String Practice Sheet**

1. [Write a C program to find length of a string](https://codeforwin.org/2015/04/c-program-to-calculate-length-of-string.html) with and without function.

#include<stdio.h>

#include<string.h>

int main()

{

int l;

char str[100];

gets(str);

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

{

}

printf("%d",l);

}

#include<stdio.h>

#include<string.h>

int main()

{

int l;

char str[100];

gets(str);

l=strlen(str);

printf("%d",l);

}

1. [Write a C program to copy one string to another string](https://codeforwin.org/2015/11/c-program-to-copy-one-string-to-another.html) with and without function.

#include<stdio.h>

#include<string.h>

int main()

{

int l;

char str1[100],str2[100];

gets(str1);

for(l=0;str1[l]!='\0';l++)

{

str2[l]=str1[l];

}

str2[l]='\0';

puts(str2);

}

#include<stdio.h>

#include<string.h>

int main()

{

int l;

char str1[100],str2[100];

gets(str1);

strcpy(str2,str1);

puts(str2);

}

1. [Write a C program to concatenate two strings](https://codeforwin.org/2015/11/c-program-to-concatenate-two-strings.html) with and without function

#include<stdio.h>

#include<string.h>

int main()

{

int i,j;

char str1[100],str2[100];

gets(str1);

gets(str2);

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

{

}

for(j=0;str2[j]!='\0';)

{

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

}

str1[i]='\0';

puts(str1);

}

#include<stdio.h>

#include<string.h>

int main()

{

int i,j;

char str1[100],str2[100];

gets(str1);

gets(str2);

strcat(str1,str2);

puts(str1);

}

1. [Write a C program to compare two strings](https://codeforwin.org/2015/11/c-program-to-compare-two-strings.html) with and without function.

#include<stdio.h>

#include<string.h>

int main()

{

int i,j;

char str1[100],str2[100];

gets(str1);

gets(str2);

if(strcmp(str1,str2)==0)

printf("Identical.");

else if(strcmp(str1,str2)==1)

printf("Different and string 1 greater than string 2.");

else

printf("Different and string 1 less than string 2.");

}

#include <stdio.h>

#include <string.h>

int main()

{

char Str1[100], Str2[100];

int result, i;

gets(Str1);

gets(Str2);

for(i = 0; Str1[i] == Str2[i] && Str1[i] != '\0'&&Str2[i]!=0; i++);

if(Str1[i] < Str2[i])

{

printf("str1 is Less than str2");

}

else if(Str1[i] > Str2[i])

{

printf("str2 is Less than str1");

}

else

{

printf("str1 is Equal to str2");

}

return 0;

}

1. [Write a C program to convert lowercase string to uppercase](https://codeforwin.org/2015/04/c-program-convert-lower-case-string-to-upper.html).

#include<stdio.h>

int main()

{

char s[100];

int i;

printf("Enter string.\n");

gets(s);

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

{

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

s[i]=s[i]-32;

}

puts(s);

}

1. [Write a C program to convert uppercase string to lowercase](https://codeforwin.org/2015/04/c-program-convert-upper-case-string-to-lower.html).

#include<stdio.h>

int main()

{

char s[100];

int i;

printf("Enter string.\n");

gets(s);

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

{

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

s[i]=s[i]+32;

}

puts(s);

}

1. [Write a C program to toggle case of each character of a string](https://codeforwin.org/2016/04/c-program-to-toggle-case-of-each-character-in-string.html).

#include<stdio.h>

int main()

{

char str[100];

int i;

printf("Enter string.\n");

gets(str);

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

{

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

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

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

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

}

puts(str);

}

1. [Write a C program to find total number of alphabets, digits or special character in a string](https://codeforwin.org/2015/11/c-program-to-find-total-number-of-alphabets-digits-special-characters-in-string.html).

#include<stdio.h>

int main()

{

char str[100];

int i=0,a=0,s=0,d=0;

printf("Input string.\n");

gets(str);

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

{

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

a++;

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

d++;

else

s++;

}

printf("%d\n%d\n%d",a,d,s);

}

1. WAP to input a string and copy all the vowels , consonants , digits and special characters in 4 different strings then display those 4 strings.

#include<stdio.h>

int main()

{

int i,j=0,k=0,l=0,m=0;

char v[100],a[100],d[100],s[100];

char str[100];

printf("Enter string.\n");

gets(str);

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

{

if(str[i]=='a'||str[i]=='e'||str[i]=='i'||str[i]=='o'||str[i]=='u'||str[i]=='A'||str[i]=='E'||str[i]=='I'||str[i]=='O'||str[i]=='U')

{

v[j]=str[i];

j++;

}

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

{

a[k]=str[i];

k++;

}

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

{

d[l]=str[i];

l++;

}

else

{

s[m]=str[i];

m++;

}

}

v[j]=a[k]=d[l]=s[m]='\0';

printf("Vowel string:- ");

puts(v);

printf("Consonant string:- ");

puts(a);

printf("Digits string:- ");

puts(d);

printf("Special character string:- ");

puts(s);

}

1. [Write a C program to count total number of vowels and consonants in a string](https://codeforwin.org/2015/04/c-program-to-calculate-total-number-of-vowels-and-consonants.html).

#include<stdio.h>

int main()

{

char str[100];

int i,v=0,c=0;

printf("Enter string.\n");

gets(str);

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

{

if(str[i]=='a'||str[i]=='e'||str[i]=='i'||str[i]=='o'||str[i]=='u'||str[i]=='A'||str[i]=='E'||str[i]=='I'||str[i]=='O'||str[i]=='U')

{

v++;

}

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

{

c++;

}

}

printf("No. of vowels = %d\nNo. of consonants = %d",v,c);

}

1. [Write a C program to count total number of words in a string](https://codeforwin.org/2015/04/c-program-to-calculate-total-number-of-words.html).

#include<stdio.h>

int main()

{

char str[100];

int i,f=0,c=0;

printf("Enter string.\n");

gets(str);

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

{

if(str[i]==' '||str[i]=='\t'||str[i]=='\n')

f=0;

else if(f==0)

{

f=1;

c++;

}

}

printf("No. of words = %d",c);

}

1. [Write a C program to find reverse of a string](https://codeforwin.org/2015/04/c-program-to-print-reverse-of-string.html) with and without function.

#include<stdio.h>

#include<string.h>

int main()

{

int i,j,temp=0;

char str[100];

gets(str);

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

{

}

i=i-1;

j=0;

while(j<i)

{

temp=str[i];

str[i]=str[j];

str[j]=temp;

j++;

i--;

}

puts(str);

}

#include<stdio.h>

#include<string.h>

int main()

{

int i,j,temp=0;

char str[100];

gets(str);

strrev(str);

puts(str);

}

1. [Write a C program to check whether a string is palindrome or not](https://codeforwin.org/2015/04/c-program-to-check-palindrome.html).

#include<stdio.h>

#include<string.h>

int main()

{

int i,j;

char s[100];

printf("Enter string.\n");

gets(s);

for(i=0,j=strlen(s)-1;i<=j;i++,j--)

{

if(s[i]!=s[j])

break;

}

if(i>j)

printf("Palindrome string.");

else

printf("Not palindrome string.");

}

1. [Write a C program to find first occurrence of a character in a given string](https://codeforwin.org/2015/11/c-program-to-find-first-occurrence-of-character-in-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[100],e;

int i,f=0;

printf("Enter string.\n");

gets(s);

printf("Enter character to be searched.\n");

scanf("%c",&e);

for(i=0;i<strlen(s);i++)

{

if(s[i]==e)

{

f=1;

break;

}

}

if(f==1)

printf("Position of %c = %d",e,i+1);

else

printf("Not found.");

}

1. [Write a C program to find last occurrence of a character in a given string](https://codeforwin.org/2015/12/c-program-to-find-last-occurrence-of-character-in-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[100],e;

int i,f=0;

printf("Enter string.\n");

gets(s);

printf("Enter character to be searched.\n");

scanf("%c",&e);

for(i=0;i<strlen(s);i++)

{

if(s[i]==e)

{

f=1;

}

}

if(f==1)

printf("Position of %c = %d",e,i);

else

printf("Not found.");

}

1. [Write a C program to search all occurrences of a character in given string](https://codeforwin.org/2016/04/c-program-to-search-all-occurrences-of-character-in-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[100],e;

int i,f=0;

printf("Enter string.\n");

gets(s);

printf("Enter character to be searched.\n");

scanf("%c",&e);

for(i=0;i<strlen(s);i++)

{

if(s[i]==e)

{

f=1;

printf("Position of %c = %d\n",e,i+1);

}

}

if(f==0)

printf("Not found.");

}

1. [Write a C program to count occurrences of a character in given string](https://codeforwin.org/2016/04/c-program-to-count-all-occurrences-of-character-in-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[100],e;

int i,x=0;

printf("Enter string.\n");

gets(s);

printf("Enter character to be searched.\n");

scanf("%c",&e);

for(i=0;i<strlen(s);i++)

{

if(s[i]==e)

{

x++;

}

}

printf("No. of times %c occured = %d",e,x);

}

1. [Write a C program to find highest frequency character in a string](https://codeforwin.org/2016/04/c-program-to-find-maximum-occurring-character-in-string.html).

#include <stdio.h>

#include <string.h>

int main()

{

char str[100], result;

int i, len;

int max = 0;

int freq[128] = {0};

printf("Please Enter any String :\n");

gets(str);

len = strlen(str);

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

{

freq[str[i]]++;

}

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

{

if(max < freq[str[i]])

{

max = freq[str[i]];

result = str[i];

}

}

printf("The Maximum Occurring Character In A Given String = %c ", result);

return 0;

}

1. [Write a C program to find lowest frequency character in a string](https://codeforwin.org/2016/04/c-program-to-find-minimum-occurring-character-in-string.html).

#include <stdio.h>

#include <string.h>

int main()

{

char str[100], result;

int i, len;

int min = 1;

int freq[128] = {0};

printf("Please Enter any String :\n");

gets(str);

len = strlen(str);

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

{

freq[str[i]]++;

}

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

{

if(min >= freq[str[i]])

{

min = freq[str[i]];

result = str[i];

}

}

printf("The Minimum Occurring Character In A Given String = %c ", result);

return 0;

}

1. [Write a C program to count frequency of each character in a string](https://codeforwin.org/2015/04/c-program-to-calculate-the-frequency-of-each-character-in-a-line.html).

#include <stdio.h>

#include <string.h>

int main()

{

char str[100], result;

int i, len;

int max = 0;

int freq[128] = {0};

printf("Please Enter any String :\n");

gets(str);

len = strlen(str);

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

{

freq[str[i]]++;

}

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

{

if(freq[str[i]]!=0)

{

printf("%c occurs %d times.\n",str[i],freq[str[i]]);

}

freq[str[i]==0];

}

return 0;

}

1. [Write a C program to remove first occurrence of a character from string](https://codeforwin.org/2015/12/c-program-to-remove-first-occurrence-of-character-from-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[100],e;

int i,f=0,j,pos;

printf("Enter string.\n");

gets(s);

printf("Enter character to be deleted.\n");

scanf("%c",&e);

int l= strlen(s);

for(i=0;i<l&&s[i]!=e;i++);

while(i<l)

{

s[i]=s[i+1];

i++;

}

puts(s);

}

1. [Write a C program to remove last occurrence of a character from string](https://codeforwin.org/2015/12/c-program-to-remove-last-occurrence-of-character-from-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[100],e;

int i,f=0;

printf("Enter string.\n");

gets(s);

printf("Enter character to be deleted.\n");

scanf("%c",&e);

int l=strlen(s);

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

{

if(s[i]==e)

{

f=i;

}

}

i=f;

while(i<l)

{

s[i]=s[i+1];

i++;

}

puts(s);

}

1. [Write a C program to remove all occurrences of a character from string](https://codeforwin.org/2015/12/c-program-to-remove-all-occurrences-of-character-from-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[100],e;

int i,f=0,j;

printf("Enter string.\n");

gets(s);

printf("Enter character to be deleted.\n");

scanf("%c",&e);

int l=strlen(s);

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

{

if(s[i]==e)

{

for(j=i;j<l;j++)

{

s[j]=s[j+1];

}

l=l-1;

i--;

}

}

puts(s);

}

1. [Write a C program to remove all repeated characters from a given string](https://codeforwin.org/2016/04/c-program-to-remove-all-repeated-characters-in-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[100];

int i,j,k;

printf("Enter string.\n");

gets(s);

int l= strlen(s);

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

{

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

{

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

{

for(k = j; k < l; k++)

{

s[k] = s[k+1];

}

l--;

}

else

{

j++;

}

}

}

puts(s);

}

1. [Write a C program to replace first occurrence of a character with another in a string](https://codeforwin.org/2016/04/c-program-to-replace-first-occurrence-of-character-in-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[100],e,r;

int i,f=0;

printf("Enter string.\n");

gets(s);

printf("Enter character to be replaced.\n");

scanf("%c",&e);

printf("Enter the character to be inserted.\n");

scanf("%\*c%c",&r);

for(i=0;i<strlen(s);i++)

{

if(s[i]==e)

{

s[i]=r;

break;

}

}

puts(s);

}

1. [Write a C program to replace last occurrence of a character with another in a string](https://codeforwin.org/2016/04/c-program-to-replace-last-occurrence-of-character-in-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[100],e;

int i,r,f;

printf("Enter string.\n");

gets(s);

printf("Enter character to be replaced.\n");

scanf("%c",&e);

printf("Enter the character to be inserted.\n");

scanf("%\*c%c",&r);

for(i=0;i<strlen(s);i++)

{

if(s[i]==e)

{

f=i;

}

}

s[f]=r;

puts(s);

}

1. [Write a C program to replace all occurrences of a character with another in a string](https://codeforwin.org/2016/04/c-program-to-replace-all-occurrences-of-character-in-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[100],e;

int i,f=0,r;

printf("Enter string.\n");

gets(s);

printf("Enter character to be replaced.\n");

scanf("%c",&e);

printf("Enter the character to be inserted.\n");

scanf("%\*c%c",&r);

for(i=0;i<strlen(s);i++)

{

if(s[i]==e)

{

s[i]=r;

}

}

puts(s);

}

1. [Write a C program to trim leading white space characters from given string](https://codeforwin.org/2016/04/c-program-to-trim-leading-white-spaces-in-string.html).

#include<stdio.h>

#include<string.h>

int main()

{

char s[1000];

int i,j;

printf("Enter the string : ");

gets(s);

printf("Before trimming leading white spaces :%s",s);

for(i=0;s[i]==' '||s[i]=='\t';i++);

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

{

s[j++]=s[i];

}

s[j]='\0';

printf("\nAfter trimming leading white spaces:%s",s);

}

1. [Write a C program to trim trailing white space characters from given string](https://codeforwin.org/2016/04/c-program-to-trim-trailing-white-space-characters-in-string.html).

#include<stdio.h>

#include <string.h>

int main()

{

char s[1000];

int i;

printf("Enter the string : ");

gets(s);

printf("Before trimming trailing white spaces :'%s'",s);

i=strlen(s)-1;

while(i>-1)

{

if(s[i]==' '||s[i]=='\t')

i--;

else

break;

}

s[i+1]='\0';

printf("\nAfter trimming trailing white spaces:'%s'",s);

}

1. [Write a C program to trim both leading and trailing white space characters from given string](https://codeforwin.org/2016/04/c-program-to-trim-both-leading-and-trailing-white-spaces-in-string.html).

#include<stdio.h>

#include <string.h>

int main()

{

char s[1000];

int i,j;

printf("Enter any string : ");

gets(s);

printf("Before trimming leading and trailing white spaces :'%s'",s);

for(i=0;s[i]==' '||s[i]=='\t';i++);

for(j=0;s[i];i++)

{

s[j++]=s[i];

}

s[j]='\0';

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

{

if(s[i]!=' '&& s[i]!='\t')

j=i;

}

s[j+1]='\0';

printf("\nAfter trimming leading and trailing white spaces :'%s'",s);

}

1. Write a C Program to input a string and check whether the string is pangram or not. A string is said to be pangram if it contains all the alphabets of English ( Could be upper or lower )

#include<stdio.h>

int main()

{

char s[100];

int i,p=1;

gets(s);

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

{

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

{

p = 0;

}

else

p=1;

}

if(p==0)

printf("Pangram String.");

else

printf("Not Pangram String.");

}

1. Write a C Program to input 2 strings and check whether the strings are anagram or not. 2 strings are said to be anagram if they contains same set of letters.

#include<stdio.h>

#include<string.h>

int main()

{

char s1[100];

char s2[100];

int i,p=0,j,temp=0,n;

gets(s1);

gets(s2);

n = strlen(s1);

for (i = 0; i < n-1; i++)

{

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

{

if (s1[i] > s1[j])

{

temp = s1[i];

s1[i] = s1[j];

s1[j] = temp;

}

if (s2[i] > s2[j])

{

temp = s2[i];

s2[i] = s2[j];

s2[j] = temp;

}

}

}

for(i=0;s1[i]!='\0'||s2[i]!='\0';i++)

{

if(s1[i]!=s2[i])

{

p=1;

}

else

p=0;

}

if(p==0)

printf("Anagram String.");

else

printf("Not Anagram String.");

}

1. Write a program to input a word from the user and print it in the following way. For example, if the word is PROGRAM, the program will print it as-

P

P R

P R O

P R O G

P R O G R

P R O G R A

P R O G R A M

#include<stdio.h>

int main()

{

char s[100];

int i,j;

gets(s);

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

{

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

{

printf("%c ",s[j]);

}

printf("\n");

}

}

1. Write a program to search a middle name in the name consisting of first name, middle name and last name.

#include<stdio.h>

int main()

{

char str[100];

int i,j,f,c;

gets(str);

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

{

if(str[i]==' ')

{

for(j=i+1;str[j]!=' ';j++)

{

printf("%c",str[j]);

}

break;

}

}

}

1. Write a menu driven program to perform the following task-
   * + Find length of a string
     + Copy of one string into another
     + Capitalize all letters of a string
     + Reverse of string
     + Comparison of two string

#include<stdio.h>

#include<string.h>

int main()

{

printf("Enter a string\n");

char s[10000];gets(s);

do

{

printf("Menu=\n1.Find length of a string\n2.Copy of one string into another\n3.Capitalize all letters of a string\n4.Reverse of string\n5.Comparison of two strings\n6.To exit\n");

char ss[10000];

printf("Enter your choice ");

int c;scanf("%d%\*c",&c);

switch(c)

{

case 1:printf("%d\n",strlen(s));

break;

case 2:strcpy(ss,s);

printf("%s\n",ss);

break;

case 3:printf("%s",strupr(s));

break;

case 4:printf("%s",strrev(s));

break;

case 5:printf("Enter string to compare with\n");

gets(ss);

if(strcmp(ss,s)==0)

printf("Equal\n");

else

printf("not equal\n");

break;

case 6: return 0;

default:printf("Wrong choice\n");

}

}while(1);

return 0;

}

1. Define string. Differentiate between ‘a’ and “a”.

Ans. Collection of character terminated by null character.

‘a’ is a character while “a” is a string.

1. Differentiate between character array and string. Give one example of each.

Ans. Character Array do not have null character at end while string have.

Ex:- char s[]={‘a’,’b’}; is a character array.

char s[]={‘a’,’b’,’\0’}; is a string.

1. What are the functions used for reading a string? If you want to read your full name, which function you will prefer ? Why?

Ans. gets() and scanf() is used for reading a string .

We will prefer gets() as it will terminate at \n while scanf() will terminate at space.

1. What are the ways to initialize 1D and 2D string?

Ans. 1D string

char s[]=”sun”;

2D string

char s[1][1]={“hi”,”hey”};

1. What will be the output of following program?

void main()

{

char str1[] = "abcd";

char str2[] = "abcd";

if(str1==str2)

printf("Equal");

else

printf("Unequal");

}

Ans. Unequal

1. What will be the output of the following program?

void main()

{ char s[]= “Hello, World”;

printf(“>>%s<<\n”,s);

printf(“>>%20s<<\n”,s);

printf(“>>%-20s<<\n”,s);

printf(“>>%.4s<<\n”,s);

printf(“>>%-20.4s<<\n”,s);

printf(“>>%20.4s<<\n”,s);

}

**Ans. >>Hello, World<<**

**>> Hello, World<<**

**>>Hello, World <<**

**>>Hell<<**

**>>Hell <<**

**>> Hell<<**

42. What are wrong initializations of the following string arrays?

(i) char str[]={‘h’, ‘e’, ‘l’, ‘l’, ‘o’}; (ii) char str[5]={‘h’, ‘e’, ‘l’, ‘l’, ‘o’, ‘\0’};

(iii) char str[]={‘h’, ‘e’, ‘l’, ‘l’, ‘o’, ‘\0’}; (iv) char str[6]={‘h’, ‘e’, ‘l’, ‘l’, ‘o’, ‘\0’};

(v) char str[]= “hello”;

(vi) char str[][]={“hi”, “hello”, “good”, “bad”, “better”};

(vii) char str[5][]= {“hi”, “hello”, “good”, “bad”, “better”};

(viii) char str[5][10]= {“hi”, “hello”, “good”, “bad”, “better”};

Ans. i , ii, vi, vii

43. Write a C program that reads the name of a person as input and print the name in an abbreviated fashion, e.g., Dennis Ritchie as D.R.

#include<stdio.h>

int main()

{

char str[100];

int i;

printf("Enter string.\n");

gets(str);

if(str[0]!=' ')

{

printf("%c",str[0]);

printf(".");

}

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

{

if(str[i]==' '&&str[i+1]!=' ')

{

printf("%c",str[i+1]);

printf(".");

}

}

}

44. Write a C program to remove the white spaces from a string

#include<stdio.h>

int main()

{

int i,j;

char str[100];

printf("Enter String.\n");

gets(str);

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

{

if(str[i]==' ')

{

j=i;

while(str[j]!='\0')

{

str[j]=str[j+1];

j++;

}

i--;

}

}

puts(str);

}

45. What will be the output of following programs?

**a.** #include<stdio.h>

#include<string.h>

int main()

{

char str1[20] = "Hello", str2[20] = " World";

printf("%s\n", strcpy(str2, strcat(str1, str2)));

return 0;

}

Ans . Hello World

**b.** #include<stdio.h>

int main()

{

char p[] = "%d\n";

p[1] = 'c';

printf(p, 65);

return 0;

}

Ans. A

**c.** #include<stdio.h>

#include<string.h>

int main()

{

printf("%d\n", strlen("123456"));

return 0;

}

Ans. 6

**d.** #include<stdio.h>

int main()

{

static char s[25] = "The cocaine man";

int i=0;

char ch;

ch = s[++i];

printf("%c", ch);

ch = s[i++];

printf("%c", ch);

ch = i++[s];

printf("%c", ch);

ch = ++i[s];

printf("%c", ch);

return 0;

}

Ans. hhe!