1. Write a C program which can input some word and display number of uppercase letter in each word

Sample Input

2

Dhaka

apple

Sample Output

1

0

#include<stdio.h>

#include<strings.h>

int main()

{

char x[10][100];

int c,i,j,q,n;

printf("Enter the total number of words:\n");

scanf("%d",&n);

printf("Enter the words one by one:\n");

for(i=0;i<n;i++){

scanf("%s",x[i]);

}

printf("The number of uppercase letter in each word:\n");

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

{

q=strlen(x[i]);

c=0;

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

{

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

{

c++;

}

}

printf("%d\n",c);

}

return 0;

}

2. Write a C program which can input some word and display number of uppercase letter in total

Sample Input

2

Dhaka

apple

Sample Output

2

#include<stdio.h>

#include<strings.h>

int main()

{

char x[10][100];

int c,i,j,q,n,d;

printf("Enter the total number of words:\n");

scanf("%d",&n);

printf("Enter the words one by one:\n");

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

{

scanf("%s",x[i]);

}

d=0;

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

{

q=strlen(x[i]);

c=0;

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

{

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

{

c++;

}

}

d=d+c;

}

printf("The number of uppercase letter in total: %d",d);

return 0;

}

3. Write a C program which can input some word and convert it all upper case.

Sample Input

2

Dhaka

apple

Sample Output

DHAKA

APPLE

int main ()

{

int i,j,n;

char x [10][1000],q[100];

printf("Enter the number of word:\n");

scanf("%d",&n);

printf("Enter the words one by one:\n");

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

{

scanf("%s",x[i]);

}

printf("Converting all letter to upper case:\n");

q[i]=0;

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

{

q[i]=strlen(x[i]);

for (j=0;j<q[i];j++)

{

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

{

x[i][j] = x[i][j] - 32;

}

}

printf("%s\n",x[i]);

}

return 0;

}

4. Write a C program which can input some word and change each vowel by ‘$’ symbol

Sample Input

2

Apple

Elephant

Sample Output

$ppl$

$l$ph$nt

#include<stdio.h>

#include<string.h>

int main()

{

char x[100][1000],p;

int n,i,j;

printf("Enter the total number of words:\n");

scanf("%d",&n);

printf("Enter the words one bye one:\n");

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

{

scanf("%s",x[i]);

}

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

{

p=strlen(x[i]);

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

{

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

{

x[i][j]='$';

}

}

printf("%s\n",x[i]);

}

return 0;

}

5. Write a C program which can input some word and change each upper case vowels by ‘V’ and lower case vowels to ‘v’

Sample Input

2

Apple

Elephant

Sample Output

Vpplv

Vlvphvnt

#include<stdio.h>

#include<string.h>

int main()

{

char x[100][1000],p;

int n,i,j;

printf("Enter the total number of words:\n");

scanf("%d",&n);

printf("Enter the words one bye one:\n");

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

{

scanf("%s",x[i]);

}

printf("After changing each upper case vowels by ‘V’ and lower case vowels to ‘v’:\n");

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

{

p=strlen(x[i]);

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

{

if(x[i][j]=='a' || x[i][j]=='e' || x[i][j]=='i' || x[i][j]=='o' || x[i][j]=='u')

{

x[i][j]='v';

}

else if(x[i][j]=='A' || x[i][j]=='E' || x[i][j]=='I' || x[i][j]=='O' || x[i][j]=='U')

{

x[i][j]='V';

}

}

printf("%s\n",x[i]);

}

return 0;

}

6. Write a C program which can input some words and display the all the vowels of the longest word.

Sample Input

3

Bangladesh

India

Pakistan

Sample Output

aae

#include<stdio.h>

#include<string.h>

int main()

{

char x[100][1000],t[100];

int i,n,m,p,q,s;

printf ("Enter the total number of words:\n");

scanf("%d",&n);

gets(t);

printf ("Enter the words one by one:\n");

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

{

gets(x[i]);

}

m=0;

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

{

q=strlen(x[i]);

if(q>m)

{

m=q;

p=i;

}

}

printf("The vowels of the longest word:\n");

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

{

if(x[p][i]=='a' || x[p][i]=='e' || x[p][i]=='i'|| x[p][i]=='o'|| x[p][i]=='u' ||

x[p][i]=='A' || x[p][i]=='E' || x[p][i]=='I'|| x[p][i]=='O'|| x[p][i]=='U' )

{

printf("%c\t",x[p][i]);

}

}

return 0;

}

7. Write a C program which can input some words and display how many of those stars with vowels.

Sample Input

3

Apple

Computer

Umbrella

Sample Output

2

#include<stdio.h>

#include<string.h>

int main()

{

char x[100][1000],p;

int n,i,j,a,b;

printf("Enter the total number of words:\n");

scanf("%d",&n);

printf("Enter the words one bye one:\n");

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

{

scanf("%s",x[i]);

}

b=0;

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

{

a=0;

for(j=0;j<1;j++)

{

if(x[i][0]=='a' || x[i][0]=='e' || x[i][0]=='i' || x[i][0]=='o' || x[i][0]=='u' || x[i][j]=='A' || x[i][j]=='E' || x[i][j]=='I' || x[i][j]=='O' || x[i][j]=='U')

{

a++;

}

}

b=b+a;

}

printf("Total number of words those stars with vowels: %d", b);

return 0;

}

8. Write a C program which can input a sentence and display first letter of each words.

Sample Input

This is Bangladesh

Sample Output

T

i

B

#include<stdio.h>

#include<string.h>

int main()

{

char x[100];

int i,q;

printf("Enter the sentence:\n");

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

{

gets(x);

}

printf("Here is the first letter of each words:\n");

printf("%c\n",x[0]);

q = strlen(x);

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

{

if(x[i]==' ')

{

if(i + 1 < q && x[i + 1] != ' ')

{

printf("%c\n", x[i + 1]);

}

}

}

return 0;

}

9. Write a C program which can input a sentence and display first letter of each words in upper case

format.

This is Bangladesh

Sample Output

T

I

B

#include<stdio.h>

#include<string.h>

int main()

{

char x[100];

int i,q;

printf("Enter the sentence:\n");

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

{

gets(x);

}

printf("Here is the first letter of each words:\n");

if(x[0] >= 'a' && x[0] <= 'z ')

{

x[0]=x[0]-32;

printf("%c\n",x[0]);

}

else

{

printf("%c\n",x[0]);

}

q = strlen(x);

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

{

if(x[i]==' ')

{

if(i + 1 < q && x[i + 1] != ' ')

{

if(x[i + 1] >= 'a' && x[i + 1] <= 'z ')

{

x[i + 1]=x[i + 1]-32;

}

printf("%c\n", x[i + 1]);

}

}

}

return 0;

}