//String

//Enter any name print its length

#include <stdio.h>

#include <stdlib.h>

int main() {

char name[10];

int i,l;

printf("\nEnter students name\n");

scanf("%s",&name);

l=0;

for(i=0;name[i]!='\0'/\*null\*/;i++)

{

l++;

}

printf("\nlength of name is %d ",l);

return 0;

}

//Enter any name and print in reverse

#include <stdio.h>

#include <stdlib.h>

int main() {

char name[10];

int i,l;

printf("\nEnter students name\n");

scanf("%s",&name);

l=0;

for(i=0;name[i]!='\0'/\*null\*/;i++)

{

l++;

}

printf("\nlength of name is %d \n",l);

printf("\nreverse name\n");

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

{

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

}

return 0;

}

\*/Enter any name and count how many how many vowels and consultants present in a name/\*

#include <stdio.h>

#include <stdlib.h>

int main() {

char name[10];

int i,l;

int vcnt=0,ccnt=0;

printf("\nEnter students name\n");

scanf("%s",&name);

l=0;

for(i=0;name[i]!='\0'/\*null\*/;i++)

{

l++;

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

{

vcnt++;

}

else

{

ccnt++;

}

}

printf("\n vowels in name are %d \n",vcnt);

printf("\n consonants in name are %d \n",ccnt);

printf("\nlength of name is %d \n",l);

printf("\nreverse name\n");

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

{

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

}

return 0;

}

//enter 2 string and concatenate

#include <stdio.h>

int main() {

char s1[50] = "Saket ", s2[60] = "Kharche";

int len, j;

// store

len = 0;

while (s1[len]!='\0')

{

len++;

}

// concatenate s2 to s1

for (j=0;s2[j]!='\0';j++,len++)

{

s1[len] = s2[j];

}

// terminating the s1 string

s1[len] = '\0';

printf("After concatenation: ");

puts(s1);

return 0;

}

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//enter any string check palindrome

#include <stdio.h>

int main(){

char name[10];

int i,j;

int flag=1;

printf("\nEnter your name\n");

scanf("%s",&name);

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

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

{

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

{

flag=0;

break;

}

}

if(flag)

{

printf("\nString is palindrome");

}

else

{

flag=0;

printf("\nString is not palindrome");

}

return 0;

}

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