**1. Write a program in C in searching words in a string.**

**Solution:**

#include<stdio.h>

#include<string.h>

int compare(char w[10],char temp[10]);

int main()

{

char w[10],s[1000],temp[10];

int t=0,i,f;

printf("\nenter sentence:");

gets(s);

printf("\nenter word to be searched:");

scanf("%s",&w);

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

{

if(s[i]==' ')

{

if(compare(temp,w)==1)

{

f=1;

break;

}

else

f=0;

t=0;

}

else

{

temp[t]=s[i];

t++;

}

}

if(f==1)

printf("\nword found");

else

printf("\nword not found");

return 0;

}

int compare(char temp[10],char w[10])

{

int i,f;

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

{

if(temp[i]==w[i])

f=1;

else

{

f=0;

break;

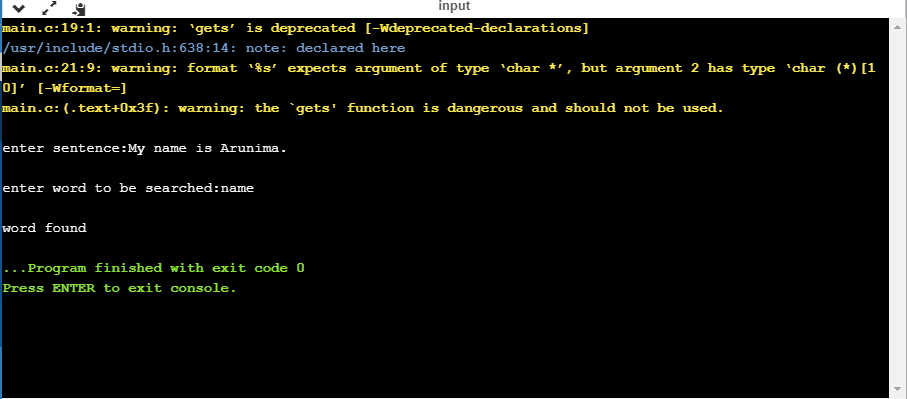
}

}

return f;

}

**Output:**

****