Write a program in C++ to distinguish the entered token, is it a keyword or not?

```cpp
#include <iostream.h>

#include<string.h>

#include<stdio.h>

int key (char str[80)

{

char *rec[5]={"for ","to","do","if","then"};

int x=0;

for (int k=0;k<5;k++)

{

if (strcmp(str,rec[k])==0)

{

x=1; break;

else

X=0;

}

return (x);

}

main()

{

char str[80],str1[80];

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

cout<<" enter your string"<< endl;

gets(str);

l=strlen(str);

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

if (str[i]!=' ')

{

str1[j]=str[i];

j++;

}
```

```cpp
                 else
             }
str1[j]]='\0';
m=key(str1);
if (m==1) cout<<  str1<<"\t"<<"keywords"<< endl;
else
cout<< str1<<"\t"<<" not keywords"<< endl;
}
}
```