```
Q1. White a C phogham to check it a given String is keyword on not.
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```
#include<Stdio.h>
   #include<Stdlib.h>
   #include < String.h>
   #include<ctype.h>
   int iskeyword(chan butten[]){
      int i, flag = 0;
      f \circ g(i = 0; i < 32; ++i)
        it (Stacmp(keywoads[i], butten) == 0){
            flag = 1;
           bneak;
      netunn flag;
   7
   int main(){
     FILE * tp;
     chan ch, butten[100000];
     int i,j=0;
     /p = fopen(\"?.c\",\"9\");
     it (tp == NULL){
        print/ (\"ennon while opening the file)
\");
        exit(0);
     }
```

```
it(isalnum(ch)){
           butten[j++] = ch;
        else if ((ch == ' ' || ch == '\
') && (j!= 0)){
           butteg[j] = '\\0';
           j = 0;
        it(iskeyword(butter) == 1)
           print/(\"%s is keyword\
(", butten);
     tclose(tp);
     netunn 0;
   }
Q2. White a C phogham to detect tokens in a C phogham.
   #include<Stdio.h>
   #include < Stdlib.h>
   #include < String.h>
   #include<ctype.h>
  int iskeyword (chan butten[]){
     int i, flag = 0;
     f \circ g(i = 0; i < 32; ++i) 
        it (Stacmp(keywoads[i], butten) == 0){
           flag = 1;
```

while ((ch = tgetc(tp)) != EOF){

```
bneak;
     netunn flag;
   }
  int main(){
     chan ch, butten[100000], openatons[] = \"+-*/%=\";
     FILE * tp;
     int i,j=0;
     tp = topen(\"1.c\",\"9\");
     it(tp == NULL){
        print/(\"ennon while opening the file\
\");
        exit(0);
      }
      while ((ch = tgetc(tp)) != EOF){
        f \circ g(i = 0; i < 6; ++i)
           it(ch == openatonS[i])
              print/(\"%c is operator)
\", ch);
        it(isalnum(ch)){
           butten[j++] = ch;
        else if ((ch == ' ' || ch == '\
') && (j != 0)){
           butten[j] = '\\0';
           j = 0;
        it(iskeyword(butter) == 1)
```

```
print/(\"%s is keyword\
\", butten);
     t \in lose(tp);
     netunn 0;
  }
```