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Q1.

output

```
PS C:\Users\Sairaj Loke\Desktop\CompilersCS308\Lab1> .\check_vowel
afaf
parsing afaf
vowels: 2, distinct vowels 1, consonents: 2
PS C:\Users\Sairaj Loke\Desktop\CompilersCS308\Lab1> .\check_vowel
aa apha
parsing aa apha
vowels: 4, distinct vowels 1, consonents: 2
PS C:\Users\Sairaj Loke\Desktop\CompilersCS308\Lab1> 
```

Q2.

```
PS C:\Users\Sairaj Loke\Desktop\CompilersCS308\Lab1> g++ check_keywords.cpp -o .\check_keywords
PS C:\Users\Sairaj Loke\Desktop\CompilersCS308\Lab1> .\check_keywords
My keywords set size89
alpha beta break void
alpha
beta
break
break
void
void
# of keywords 2
PS C:\Users\Sairaj Loke\Desktop\CompilersCS308\Lab1> 
```

Q3.

```
PS C:\Users\Sairaj Loke\Desktop\CompilersCS308\Lab1> .\check_comment
: not a comment
//afa : comment
// afa : comment
// // : comment
: not a comment
: not a comment
afa // : not a comment
afa /**/ : not a comment
/**/ afa : not a comment
/* afa */ : a comment
/*/ : not a comment
/*/ : not a comment
afa /*/\ : not a comment
/*/ afa : not a comment
/* faa / : not a comment
/**/ /**/ add : not a comment
```