

Basic String Search Pseudocode

Header Class StringSearch:

```
Private -  
    Overall str (OStr)  
    Snippet we are looking for (answerStr)  
Public -  
    Default Constructor StringSearch  
    Constructor StringSearch(str, answer)  
        This Ostr equals str  
        This answerStr equals answer  
    Destructor StringSearch  
    Int function BasicStringSearch(str, answer)
```

Function BasicStringSearch(str, answer)

```
    Initiate Variable count = 0  
    For the length of the str (i)  
        For the length of the answer (j)  
            If the answer at j is not equal to the str at j  
                Break  
            If we are at the end of the loop and never broke out  
                Increment counter
```

Return counter

In main function -

```
Open file containing the string and what we are searching for  
Cin string to variable str  
Cin snippet we are searching for to variable answer  
Create variable answerCount  
Call function StringSearch with variables str and answer equal to answerCount  
Print out answerCount  
Return 0
```