Student No: _____   Name: _____

Quiz 3

The following C program will print all characters of a `string` on the screen until the first occurrence of z, using a non-constant pointer to constant data. If there is no z in the character `string`, the program will print the message "`No z in the string`". Write the **function definition** at the end of the program that will do the job described above.

Hint 1: use the function prototype : `void PrintTillz( const char *sPtr );`

Hint 2: Initialize the array string with
          `char string[]="this is just a quiz to keep you studying";`

Hint 3: Use the following program code in the function to justify that 'z' is not found in the string.
        `if(*sPtr == 'g')`
              `printf("No z in the string");`

```c
/* Printing a string one character at a time using
   a non-constant pointer to constant data */

#include <stdio.h>

void printCharacters( const char *sPtr );

int main()
{
   /* initialize char array */
   char string[] = "this is just a quiz to keep you studying";

   printf( "The string is:\n" );
   printCharacters( string );
   printf( "\n" );

   return 0; /* indicates successful termination */

} /* end main */

/* sPtr cannot modify the character to which it points,
   i.e., sPtr is a "read-only" pointer */

void printCharacters( const char *sPtr )
{




} /* end function printCharacters */
```