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

```c
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.

```c
if (*sPtr == 'g')
    printf("No z in the string");
```

```c
#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 */
}

/* 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 */
```