CECS 524 Mar 19, 2019 Due end of lab

Implement the C program below as IBM PC assembly language. The variables in main and f2c and the parameter to f2c must be stack dynamic variables.DO NOT PASS PARAMETERS IN REGISTERS. Do not make variables in the data segment. Strings can be created in the data segment.

#include <stdio.h>

int f2c(int cel){

return (cel \* 9 / 5) + 32;

}

int main(){

int celsius;

do {

printf("Enter celsius temperature:");

scanf("%d", &celsius);

printf("%d Celsius is %d Fahrenheit\n", celsius, f2c(celsius));

}

while(celsius !=0);

return 0;

}

Like Lab 11, copy PutDec and GetDec into your assembler program.