

EEL 2880 HW2 - : Integrated Development Environment

1. Download and install TDE GCC and Codeblocks IDE that will be used with the class.
2. Create a console project with a folder name that is your first name. The project title should also be your first name.
3. Enter the following program and place your own name on line 21.

```
1  /* Program to calculate the product of two numbers. */
2  #include <stdio.h>
3  #include <time.h>
4  int a,b,c;
5  int product(int x, int y);
6
7  int main()
8  {
9      time_t rawtime = time(NULL);
10     /* Input the first number */
11     printf("Enter a number between 1 and 100: ");
12     scanf("%d", &a);
13
14     /* Input the second number */
15     printf("Enter another number between 1 and 100: ");
16     scanf("%d", &b);
17
18     /* Calculate and display the product */
19     c = product(a, b);
20     printf ("\n%d times %d = %d\n", a, b, c);
21     printf ("Your Name Here\n");
22     printf ("First program %s\n", ctime(&rawtime));
23     return 0;
24 }
25
26 /* Function returns the product of its two arguments */
27 int product(int x, int y)
28 {
29     return (x * y);
30 }
```

4. Make sure the printout includes the Date from line 22.
5. Run the program and place the console window as shown on the next page.
6. Capture the whole screen and print it as instructed on the class web site.
7. Write your name and section number on the printout and submit through class web site
8. Remember - [This course has gone Paperless](#)

Additional Questions:

supply the path for the following folders:

Q1. What folder holds the C compiler?

Q2. What folder holds the header files?

Q3. What folder holds the library files?

Q4. What folder holds Code::Blocks?

Q5. What folder holds the executable version of your project?

Reference Materials:

Compile process:

<http://web.eng.fiu.edu/watsonh/EEL2880/IDE.pdf>

Figure W.1 from <http://www.tenouk.com/ModuleW.html>

CodeBlocks online manual: http://www.codeblocks.org/docs/main_codeblocks_en.html

Slides 1-14 from

<http://www.thefengs.com/wuchang/courses/cs201/Slides/03SystemOrganization.pptx>

IDE working with

http://www.santarosa.edu/~ssarkar/cs10info/PROGRAMMING_MODULE_WORKING_WITH_AN_IDE_AND_COMPILER_SARKAR_2013.pdf

Turn in this type of screen shot along with your answers:

