EE 1910

Dr. Johnson

Program 12

No capabilities beyond those discussed in class or in the notes are allowed

Write a program to load up a 10 element array given a starting value and an increment value. Then print the array values. Use the following function prototypes:

```
void fill_ary(int start, int increment, int num_elements, int the_ary[]);
void print_ary(int num_elements, int the_ary[]);
```
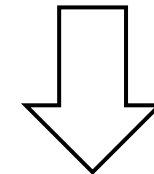
You must run this as an MSP project for Debug to work properly

a) Run the program once with the values 10 and 2

b) Debug the program and stop between the fill_ary function and the print_ary functions. Provide a printout of the debug screen with the array values expanded (use 20 and -3 for the inputs)

End up with something like this for part a

Your name

```
Class_MSP_Project:CIO
[CORTEX_M4_0]

Programming HW 12
Welcome to Dr Johnson's array and debug program

Please enter the array starting value and the increment: 10 2
|
The array values are: 10 12 14 16 18 20 22 24 26 28
```

End up with something like this for part b