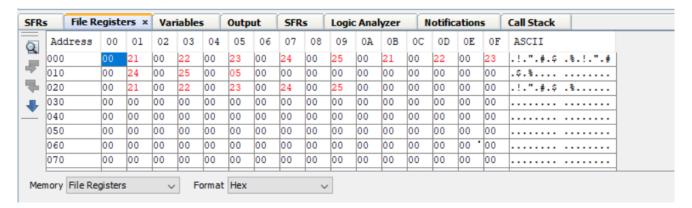# ASSIGNMENT 2

Name : Shubham Nemade

Roll no: 23151

/*

 * File: reg_pos.c

 * Author: shubham

 *

 */

/

Write an embedded C program to transfer and exchange the elements from one location to another (array copy).

Take the screenshots of

a. addresses of both arrays (watches)

b. memory, before and after copy

Sol:

#include<stdio.h>

#include<stdlib.h>

#include<pic18f4550.h>

int main(void)

{

   int source[]={0x21,0x22,0x23,0x24,0x25};

   int dest[]={0x00,0x00,0x00,0x00,0x00};

   TRISB=1;

```
for(int i=0;i<5;i++)

{

    dest[i]=source[i];

    PORTB=source[i];

}
}
```

Result: -

Before

After