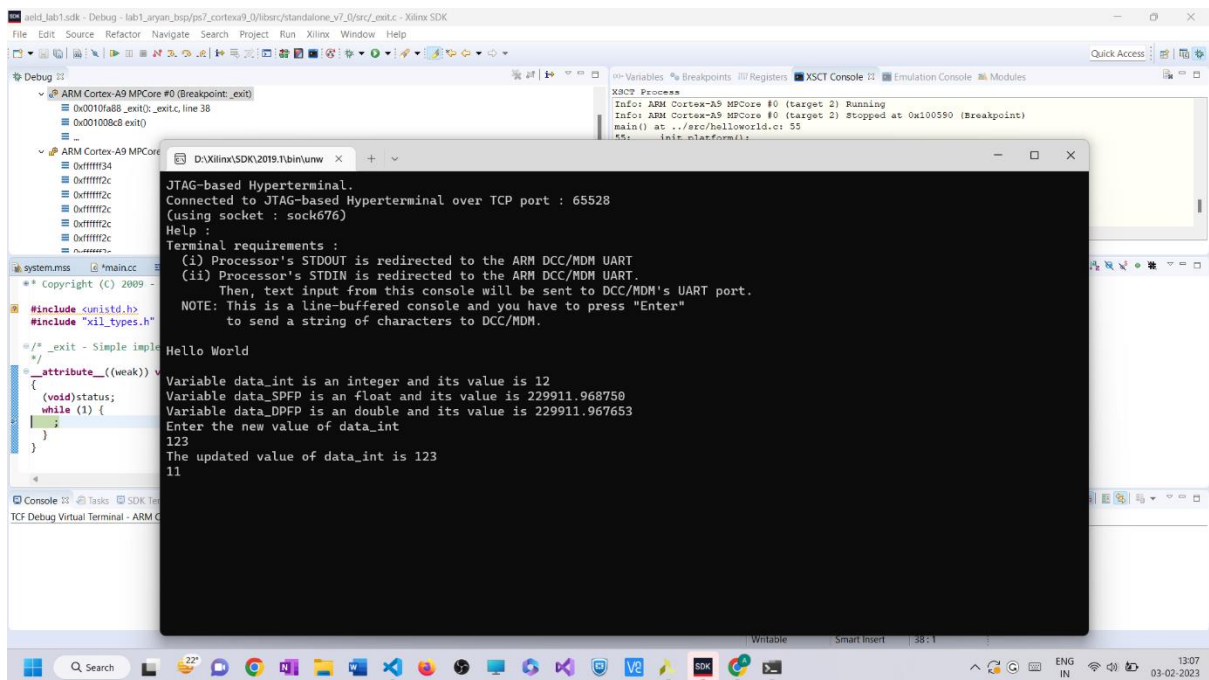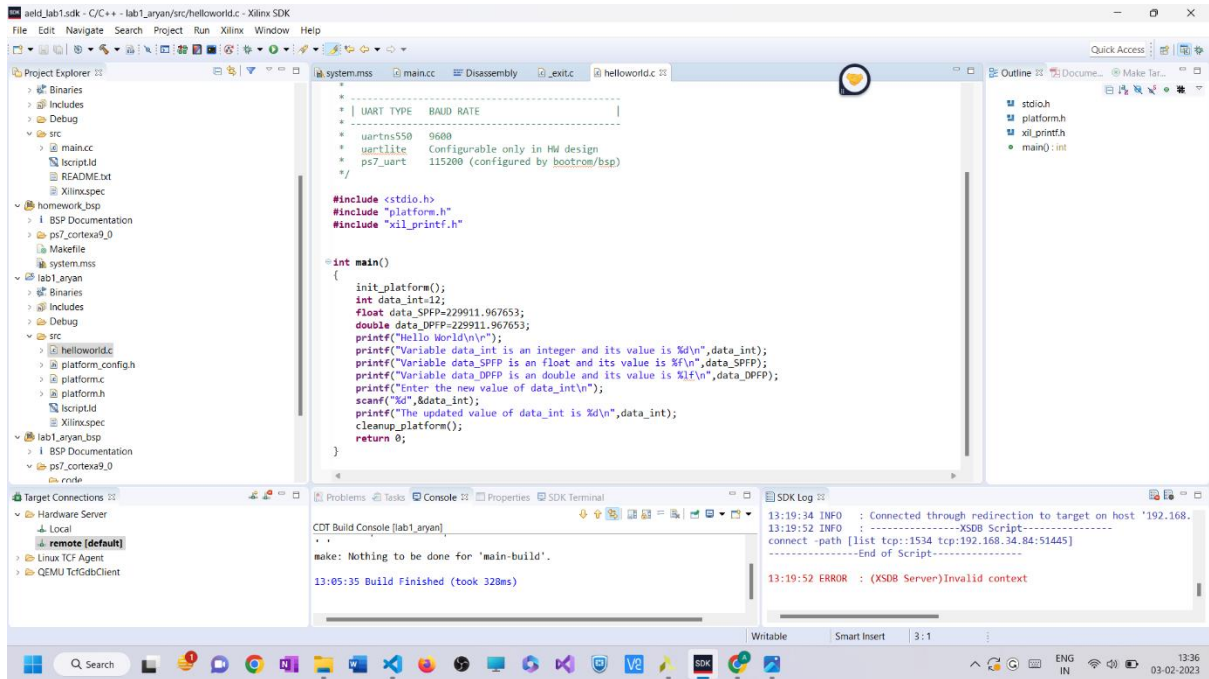# LAB ASSIGNEMENT -1

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AELD LAB -1

Hello world program

HomeWork Program

```cpp
* * Empty C++ Application
#include<bits/stdc++.h>
#define ll long long
using namespace std;
int main()
{
    vector<float> x(3,0);
    vector<float> t(3,0);
    vector<float> n(3,0);
    for(ll i=0; i<3; i++)
    {
        cout<<"Enter the value for all the value in "<<i+1<<"\n";
        cin>>x[i];
        cin>>t[i];
        cin>>n[i];
    }
    vector<float> q(3,0);
    for(ll i=0; i<3; i++)
    {
        q[i]=(x[i]/t[i])+pow(2*n[i]/t[i],0.5);
    }
    for(auto i: q)
    {
        cout<<i<<"\n";
    }
}
```

```
CDT Build Console [lab1_aryan]
make: Nothing to be done for 'main-build'.

13:05:35 Build Finished (took 328ms)
```

```
13:19:34 INFO    : Connected through redirection to target on host '192.168.
13:19:52 INFO    : ----------------XSDB Script----------------
connect -path [list tcp::1534 tcp:192.168.34.84:51445]
----------------End of Script----------------

13:19:52 ERROR   : (XSDB Server)Invalid context
```

```c
* Copyright (C) 2009

#include <unistd.h>
#include "xil_types.h

/* _exit - Simple imp
*/
__attribute__((weak))
{
  (void)status;
  while (1) {
    ;
  }
}
```

```
JTAG-based Hyperterminal.
Connected to JTAG-based Hyperterminal over TCP port : 49893
(using socket : sock692)
Help :
Terminal requirements :
  (i) Processor's STDOUT is redirected to the ARM DCC/MDM UART
  (ii) Processor's STDIN is redirected to the ARM DCC/MDM UART.
       Then, text input from this console will be sent to DCC/MDM's UART port.
  NOTE: This is a line-buffered console and you have to press "Enter"
        to send a string of characters to DCC/MDM.

Enter the value for all the value in 1
12.1
13.2
15.1
Enter the value for all the value in 2
34.1
35.4
33.2
Enter the value for all the value in 3
56.2
55.3
58.3
2.429224
2.33284
2.46834
```

```
XSCT Process
9:     vector<float> x(3,0);
xsct% jtagterminal
49893
xsct% Info: ARM Cortex-A9 MPCore #0 (target 2) Running
```