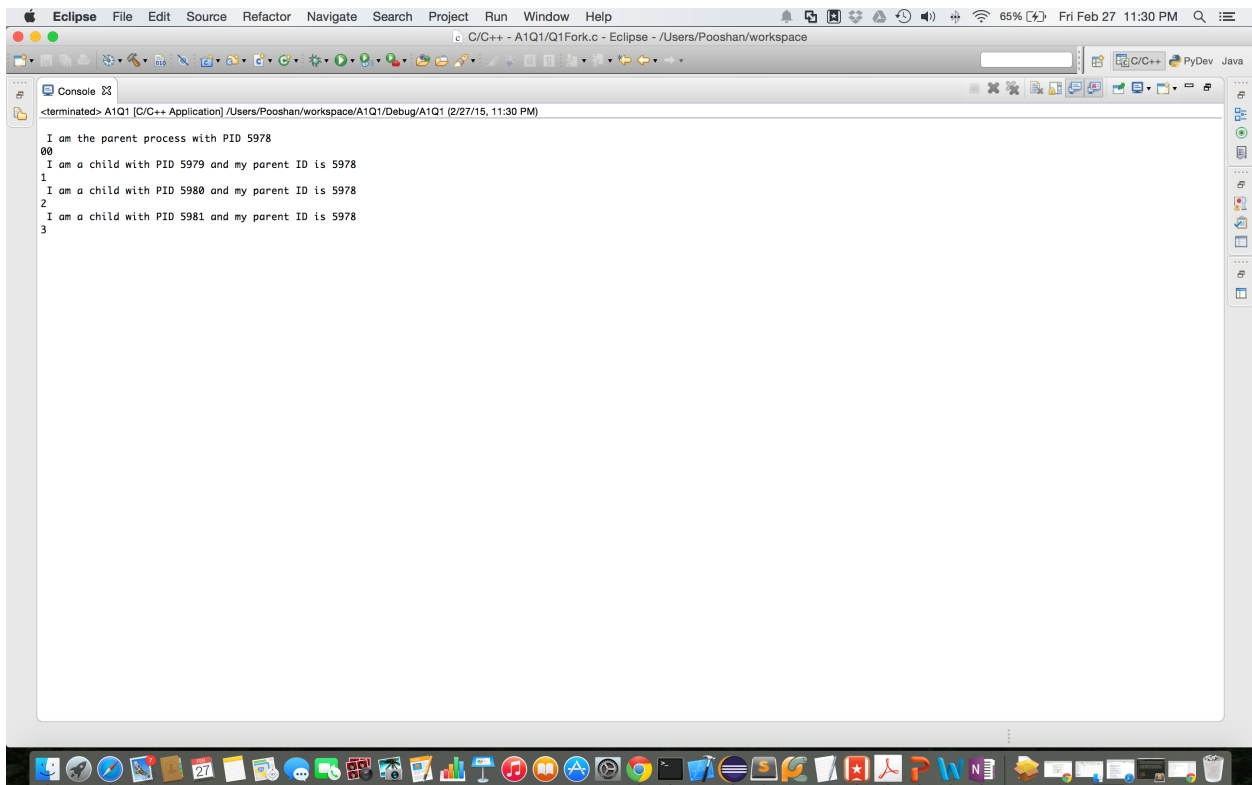


CMPE-207
Assignment 1
Submitted to - Wei Xu

Submitted by
Pooshan Vyas
SJSU ID : 010034362

1) Q1 - Fork

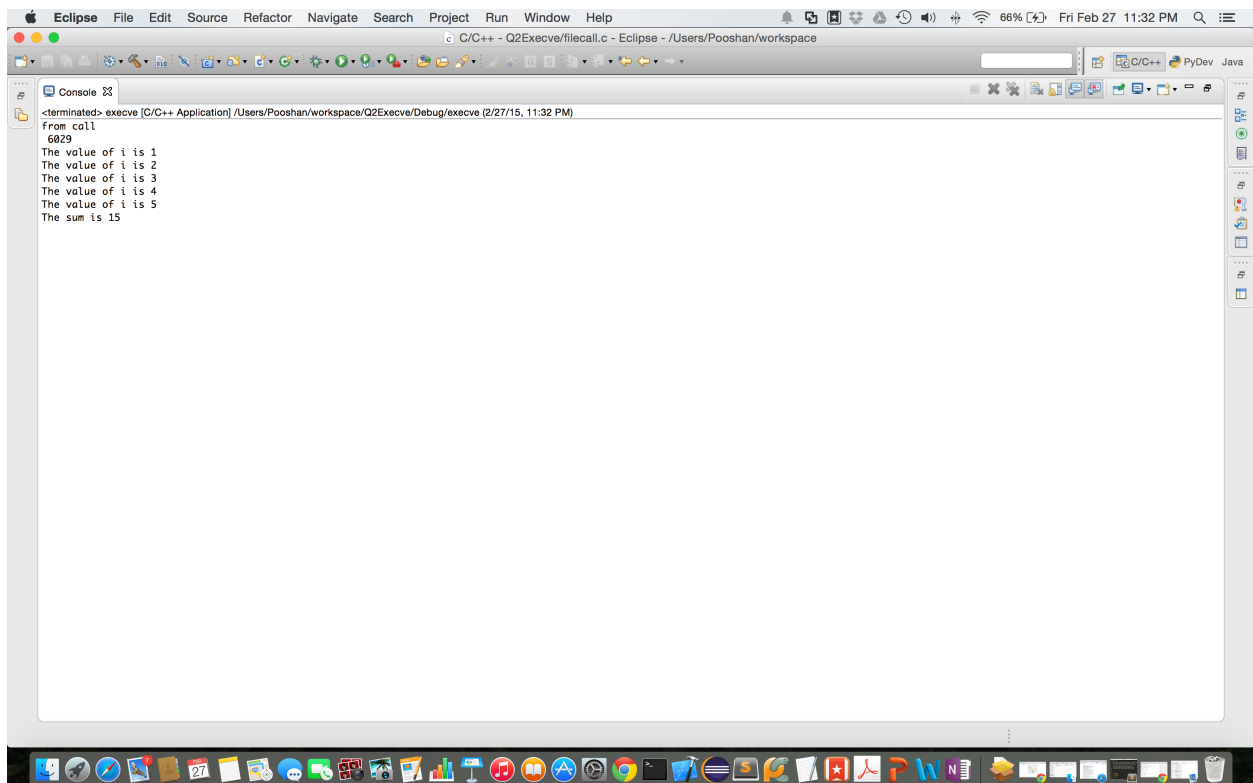


```
Eclipse File Edit Source Refactor Navigate Search Project Run Window Help
C/C++ - A1Q1/Q1Fork.c - Eclipse - /Users/Pooshan/workspace

Console
<terminated> A1Q1 [C/C++ Application] /Users/Pooshan/workspace/A1Q1/Debug/A1Q1 (2/27/15, 11:30 PM)

I am the parent process with PID 5978
00
I am a child with PID 5979 and my parent ID is 5978
1
I am a child with PID 5980 and my parent ID is 5978
2
I am a child with PID 5981 and my parent ID is 5978
3
```

2) Q2 - Execve

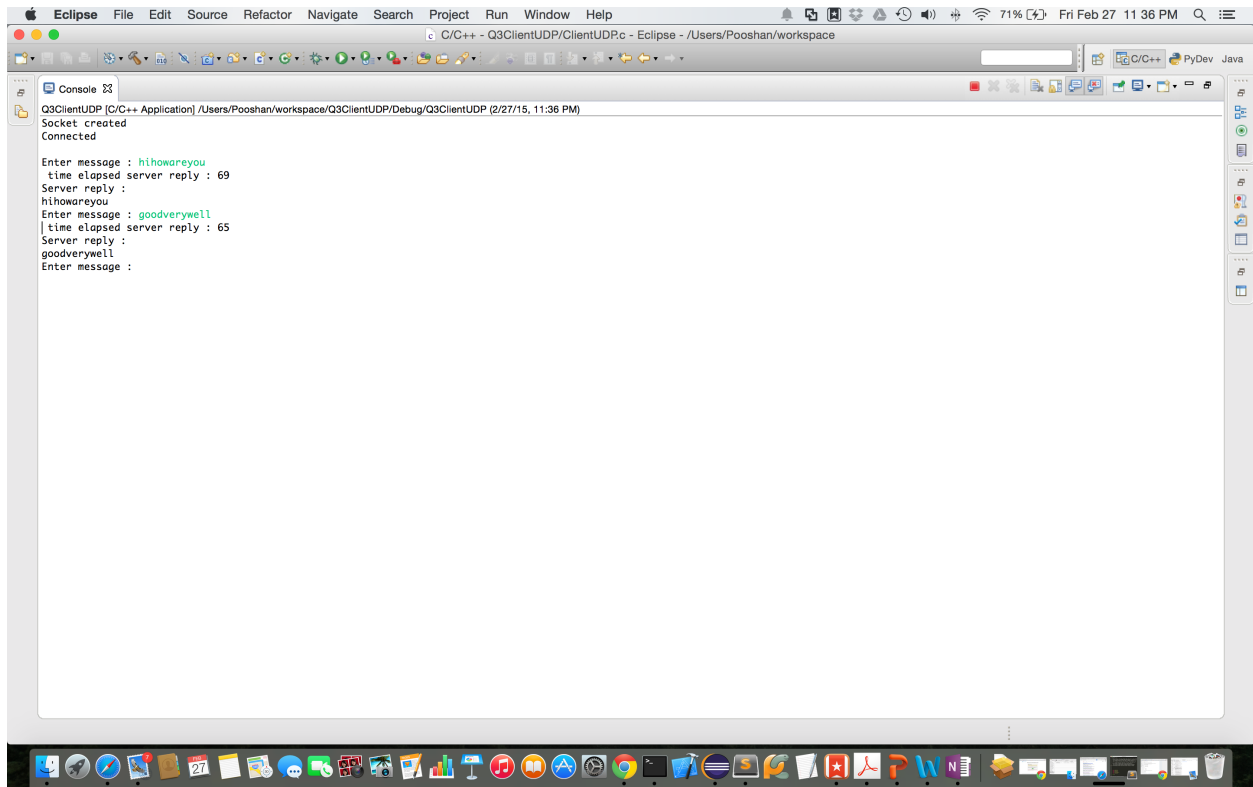


```
Eclipse File Edit Source Refactor Navigate Search Project Run Window Help
C/C++ - Q2Execve/filecall.c - Eclipse - /Users/Pooshan/workspace

Console
<terminated> execve [C/C++ Application] /Users/Pooshan/workspace/Q2Execve/Debug/execve (2/27/15, 11:32 PM)

from call
6029
The value of i is 1
The value of i is 2
The value of i is 3
The value of i is 4
The value of i is 5
The sum is 15
```

3) Q3 - Client/server

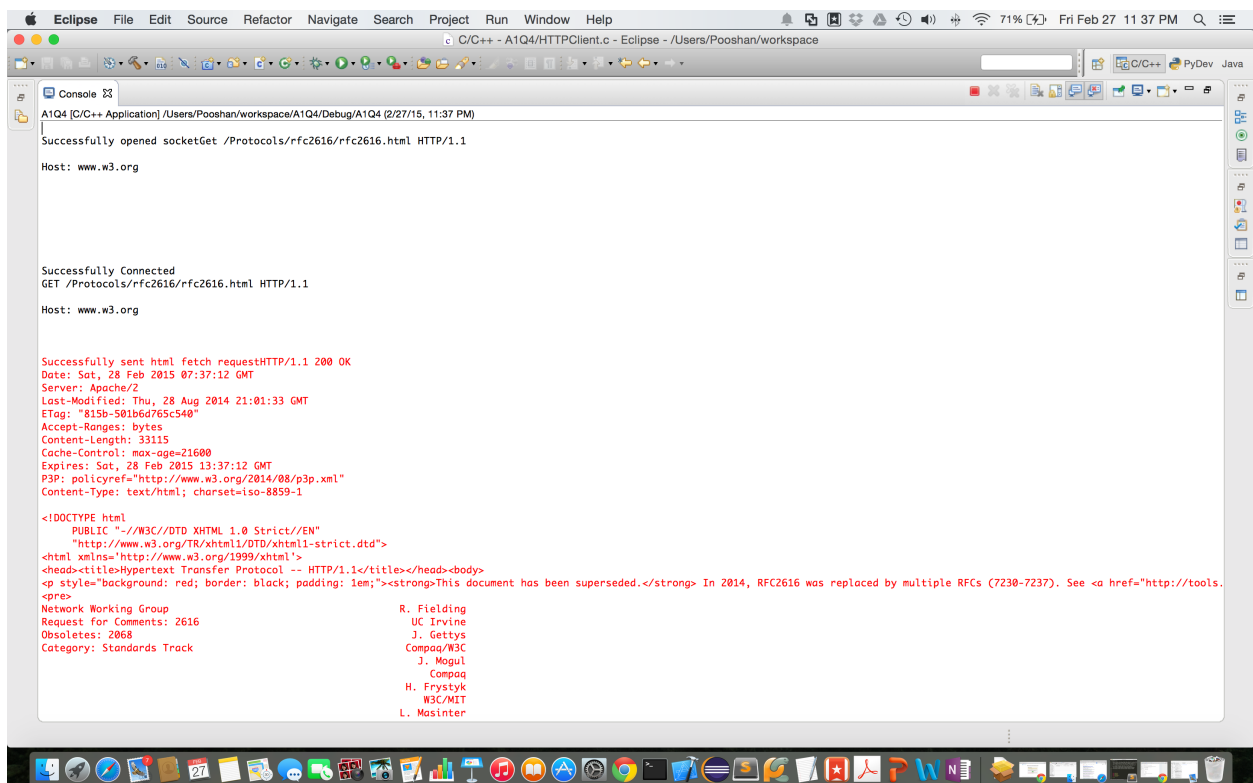


The screenshot shows the Eclipse IDE interface. The console window displays the following output:

```
Q3ClientUDP [C/C++ Application] /Users/Pooshan/workspace/Q3ClientUDP/Debug/Q3ClientUDP (2/27/15, 11:36 PM)
Socket created
Connected

Enter message : hihowareyou
time elapsed server reply : 69
Server reply :
hihowareyou
Enter message : goodverywell
time elapsed server reply : 65
Server reply :
goodverywell
Enter message :
```

4) Q4 - HTTP/client



The screenshot shows the Eclipse IDE interface. The console window displays the following output:

```
A1Q4 [C/C++ Application] /Users/Pooshan/workspace/A1Q4/Debug/A1Q4 (2/27/15, 11:37 PM)
Successfully opened socketGet /Protocols/rfc2616/rfc2616.html HTTP/1.1
Host: www.w3.org

Successfully Connected
GET /Protocols/rfc2616/rfc2616.html HTTP/1.1
Host: www.w3.org

Successfully sent html fetch requestHTTP/1.1 200 OK
Date: Sat, 28 Feb 2015 07:37:12 GMT
Server: Apache/2
Last-Modified: Thu, 28 Aug 2014 21:01:33 GMT
ETag: "815b-501b6d765c540"
Accept-Ranges: bytes
Content-Length: 33115
Cache-Control: max-age=21600
Expires: Sat, 28 Feb 2015 13:37:12 GMT
P3P: policyref="http://www.w3.org/2014/08/p3p.xml"
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE html
  PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head<title>Hypertext Transfer Protocol -- HTTP/1.1</title></head><body>
<p style="background: red; border: black; padding: 1em;"><strong>This document has been superseded.</strong> In 2014, RFC2616 was replaced by multiple RFCs (7230-7237). See <a href="http://tools.
  Network Working Group
Request for Comments: 2616
Obsoletes: 2068
Category: Standards Track
R. Fielding
UC Irvine
J. Gettys
Compaq/W3C
J. Mogul
Compaq
H. Frystyk
W3C/MIT
L. Masinter
```

