Operating System- CS604

Assignment # 1

Spring 2011

Marks: 20

Due Date

Your assignment must be uploaded before or on April 18, 2011

Objective

The objective of this assignment is to familiarize with the system calls.

Instructions

- Avoid Plagiarism. No marks will be given in case of cheating or copying from the internet or from other students.
- Submit the assignment through your account on VULMS. No assignment will be accepted through email after the due date.
- If you have any problem related to assignment, feel free to discuss it by email at cs604@vu.edu.pk

Question #1:

Read the following program carefully and write the output of the program. Explain each line of code according to given numbering.

```
#include <stdio.h>
#include <unistd.h>
#include <stdlib.h>
#include <errno.h>
1..... int main (void)
                   pid_t pid;
2...... pid = fork();
3..... if (pid > 0)
                   int i:
4..... for (i = 0; i < 5; i++)
5.....
                          printf(" I AM VU : %d\n", i);
6.....
                          sleep(1);
                          }
                   exit(0);
7..... else if (pid == 0)
```