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| **National University of Computer and Emerging Sciences, Lahore Campus** | | | | |
| C:\Users\saif\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\final design.jpg | **Course:** | **Operating Systems** | **Course Code:** | **CS205** |
| **Program:** | **BS(Computer Science)** | **Semester:** | **Spring 2019** |
| **Due Date:** | **12-2-2019** | **Total Marks:** | **5** |
| **Section:** | **C** | **Weight** | **5** |
| **Exam:** | **Quiz 1** | **Page(s):** | **1** |
| **Name:** |  | **Roll #:** |  |

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| 1. Calculate number of times hello is printed. (3 marks)   #include <stdio.h>  #include <sys/types.h>  int main()  {  fork();  fork();  fork();  printf("hello\n");  return 0;  } | How many times the string hello is printed?  8 times. |
| 1. What is a zombie process? ( 2 marks)   A process that has terminated but whose parent has not yet called the wait() is known as a zombie process. | |