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| **National University of Computer and Emerging Sciences, Lahore Campus** | | | | |
| final design | **Course:** | **Programming Fundamentals Lab** | **Course Code:** | **CL118** |
| **Program:** | **BS(Computer Science)** | **Semester:** | **Fall 2018** |
| **Duration:** | **30 Minutes** | **Total Marks:** | **5+5** |
| **Paper Date:** | **05-Dec-18** | **Weight** | **2.5%** |
| **Section:** | **G** | **Page(s):** | **1** |
| **Exam:** | **Quiz-II** |  |  |
| **Instruction/Notes:** |  | | | |

**Q1**

**#include<iostream>**

**using namespace std;**

**#define R 4**

**#define C 4**

**int functin(int mat[R][C], int n, int m)**

**{**

**int a== 0, flag = 0;**

**for(int i = 0; i < n; i++)**

**for(int j = 0; j < m; j++)**

**if(a < mat[i][j])**

**a = mat[i][j];**

**int b[a + 1] = {0};**

**for(int i = 0 ; i < n; i++)**

**for(int j = 0; j < m; j++)**

**b[mat[i][j]]++;**

**for(int i = 1; i <= a; i++)**

**if(b[i] == 1)**

**cout << i << " ";**

**flag = 1;**

**if(!flag){**

**cout << "0";**

**}**

**}**

**// Driver program**

**int main()**

**{**

**int mat[R][C] = {{ 1, 2, 3, 20},**

**{5, 6, 20, 25},**

**{1, 3, 5, 6},**

**{6, 7, 8, 15}};**

**functin(mat, R, C);**

**return 0;**

**}**