



National University of Computer & Emerging Sciences, Karachi
Spring-2020 CS-Department
Mock Exam



17th June 2020, 1:00 Pm – 1:50Pm

Course No: CL 118	Course Name: Programming Fundamentals Lab
Instructor Name / Names: Safia Baloch	
Student Roll No: 19k-0170	Section: D

Instructions:

- **READ** these instructions very carefully before attempting question, timing includes 5 minutes of its reading too
- Write your **roll number** and **section** in the given Box above
- Read the question properly, you can't find it on google so "don't waste your time". It's easy
- You are supposed to make a program according to the question.
- Don't share your program, if your code is matched to any member of your class, both will be marked 0 straight without asking who shared or who magically copied.
- You have to program it on *dev c*. "Not ON Paper"
- There is a **box given** below in which you have to paste your program and then paste the screenshot of your output of the program.
- Convert this doc into **pdf format**.
- 35 minutes is for exam to attempt, 10 minutes to **email** me with **subject: mock_PF_D** at safia@nu.edu.pk
- **Submission after 1:50 Pm are considered late**

Time: 35 Minutes

Total Marks: 10

Question:

Rabeea is a student of computer science and she likes to play with numbers. Swapping places of digits present in any number to make different combinations is her favorite work. She wants to design a program in which whatever a number is taken, its starting and ending digits swap their places. She can't make that program since her logic building is not so strong. So, Help her!

Paste your code:

```
#include<stdio.h>
#define N 10
main()
{
    int n,a[N],i;
    printf("Enter the size of array:");
    scanf("%d",&n);
    for(i=0;i<n;i++)
    {
```

```
        scanf("%d",&a[i]);
    }
    printf("\nOriginal array");
    for(i=0;i<n;i++)
    {
        printf("%d",a[i]);
    }
    swap(a,n);
}
int swap(int b[],int size)
{
    int temp,j;
    for(j=0;j<size;j++)
    {
        temp=b[j];
        b[j]=b[size-1];
        b[size-1]=temp;

    }
    printf("\nSwapped Numbers:\n");
    for(j=0;j<size;j++)
    {
        printf("%d",b[j]);
    }
}
```

Paste you output screenshot: