



NATIONAL UNIVERSITY
OF COMPUTER & EMERGING SCIENCES



LAHORE

Course _____

Answer Sheet No. _____

40304

Student's Name _____

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Signature _____

Sanniya

Roll No. _____

231-0672

Section _____

2D-1

Date _____

QUESTION NO 2

include <iostream>
using namespace std;

class mylist {

private:

char arr;

int size;

public:

mylist() {

size = strlen(arr);

arr = new char[size];

for (int i=0; i<size; i++) {

arr[i] = new char[20];

}

~mylist() {

for (int i=0; i<size; i++) {

delete [] arr[i];

}

delete [] arr;

arr = nullptr;

friend ostream &operator << (ostream &out,

mylist &rhs) {

for (int i=0; i<rhs.size; i++) {

for (int j=0; j<20; j++) {

out << rhs.arr[i][j];

return out; }

}


```

mylist &operator + (const mylist &arrtemp) {
    int size = strlen(arr) + strlen(arrtemp);
    for (int i = 0; i < size; i++) {
        arr[i] += arrtemp[i];
    }
    return *this; }

```

```

mylist &operator + (const mylist &arrtemp) {
    mylist temp;
    int tempsize = strlen(arr) + strlen(arrtemp);
    temp = new char[tempsize];
    for (int i = 0; i < tempsize; i++) {
        temp[i] = new char[60];
    }
    Delete
    int k = 0;
    for (int i = 0; i < size; i++) {
        temp[k] = arr[i];
        k++;
    }
    for (int j = 0; j < strlen(arrtemp); j++) {
        temp[k] = arrtemp[j];
        k++;
    }
    return temp; }

```

```

mylist &operator = (const mylist &rhs) {
    arr[i]
    for (int i = 0; i < size;
    arr = rhs.arr;
    return *this; }

```


Q1 → 3

Part No.

~~QUESTION NO 2~~ ~~Part (a)~~

```
mylist (mylist & rhs) {  
    for (int i = 0; i < size; i++) {  
        arr = rhs.arr; }  
}
```

QUESTION NO 1 (a)

Person 3
Name: Alice

9

Person 1
Name: Alice

Person 2
Name: Alice

Q Part (b)

obj 2

10

obj 1

10

obj 1

555

9