

**PROGRAM** – WRITE A PROGRAM THAT READS THE NAME MARTIN LUTHER KING IN SEPARATE 3 STRINGS BY USER THEN CONCATENATE THESE STRINGS IN ANOTHER STRING USING + OPERATOR AND APPEND().

**//BHAVNA VERMA-171210019-26/03/2019**

**//USE OF + OPERATOR & append() TO CONCATENATE STRINGS**

```
#include<iostream>

using namespace std;

int main()
{
    string s1, s2, s3, s4;

    cout<<"ENTER MARTIN"<<endl;
    cin>>s1;
    s1=s1+" ";

    cout<<"ENTER LUTHER"<<endl;
    cin>>s2;
    s2=s2+" ";

    cout<<"ENTER KING"<<endl;
    cin>>s3;
    s3=s3+" ";

    //CONCATENATION

    s4=s1+s2+s3;

    cout<<"THE STRING NOW CONCATENATED AS USING + OPERATOR = "<<s4<<endl;

    //USING append()

    s4=s1.append(s2);
    s4=s4.append(s3);

    cout<<"THE STRING NOW CONCATENATED AS USING APPEND() = "<<s4;

    return 0;
```

```
}
```

## OUTPUT-

 C:\Users\VERMA\Downloads\p1.exe

```
ENTER MARTIN
MARTIN
ENTER LUTHER
LUTHER
ENTER KING
KING
THE STRING NOW CONCATENATED AS USING + OPERATOR = MARTIN LUTHER KING
THE STRING NOW CONCATENATED AS USING APPEND() = MARTIN LUTHER KING
-----
Process exited after 18.12 seconds with return value 0
Press any key to continue . . .
```

**PROGRAM** – WRITE A PROGRAM THAT READS SEVERAL CITY NAMES USING KEYBOARD & DISPLAYS ONLY THOSE NAME THAT ARE BEGINNING WITH 'b' OR 'c'

**//BHAVNA VERMA-171210019-26/03/2019**

**//TO PRINT THE STRINGS STARTING WITH 'b' OR 'c'**

```
#include<iostream>

using namespace std;

int main()
{
    string s[5];
    cout<<"ENTER 5 CITY NAMES = "<<endl;
    for(int i=0; i<5; i++)
    {
        cout<<"ENTER CITY NAME = "<<endl;
        cin>>s[i];
    }
    for(int i=0; i<5; i++)
    {
        if(s[i].find_first_of('b', 0)==0||s[i].find_first_of('c', 0)==0)
        {
            cout<<"\n"<<s[i];
        }
    }
    return 0;
}
```

## OUTPUT-

```
C:\Users\VERMA\Downloads\p2.exe
ENTER 5 CITY NAMES =
ENTER CITY NAME =
delhi
ENTER CITY NAME =
beizing
ENTER CITY NAME =
carolina
ENTER CITY NAME =
baku
ENTER CITY NAME =
noida

beizing
carolina
baku
-----
Process exited after 19.27 seconds with return value 0
Press any key to continue . . .
```

**PROGRAM** – WRITE A PROGRAM TO ACCEPT COUNTRY NAMES FROM USER AND THEN ARRANGE IT IN ALPHABETICAL ORDER AND DISPLAY

**//BHAVNA VERMA-171210019-26/03/2019**

**//TO ARRANGE THE NAMES OF COUNTRIES IN ALPHABETICAL ORDER USING compare()**

```
#include <iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    int i,j;
```

```
    string s[5], temp;
```

```
    cout<<"Enter 5 country names"<<endl;
```

```
    for(i = 0; i < 5; ++i)
```

```
    {
```

```
        cout<<"enter country "<<endl;
```

```
        getline(cin, s[i]);
```

```
    }
```

```
    for(i = 0; i < 4; ++i)
```

```
    {
```

```
        for(j = i+1; j < 5; ++j)
```

```
        {
```

```
            if(s[j].compare(s[i])<0)
```

```
            {
```

```
                temp = s[i];
```

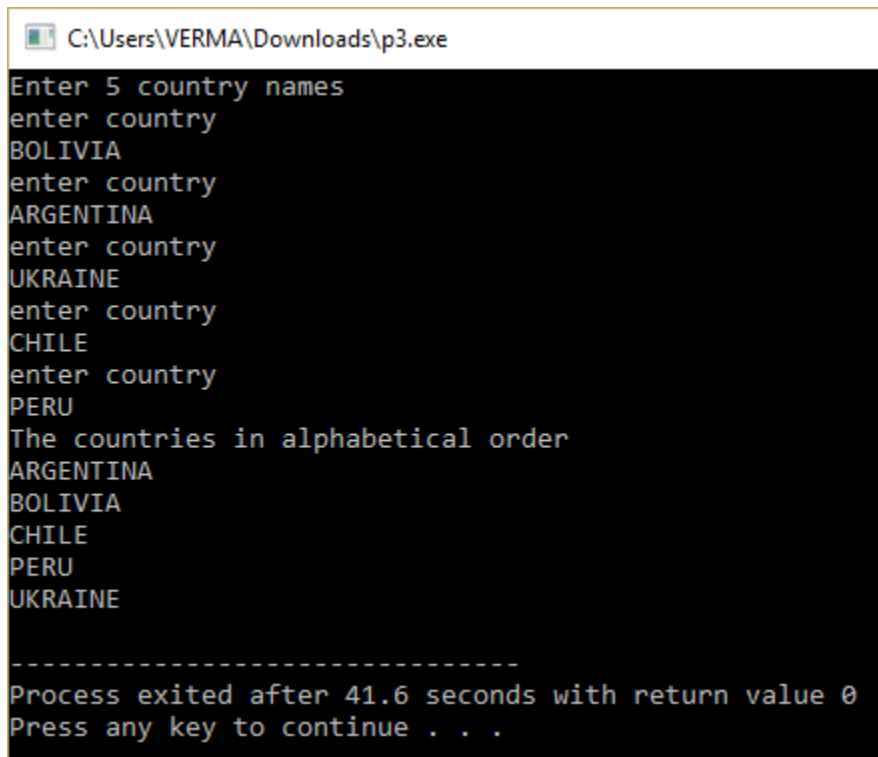
```
                s[i] = s[j];
```

```
                s[j] = temp;
```

```
            }
```

```
        }  
    }  
    cout << "The countries in alphabetical order " << endl;  
    for(int i = 0; i < 5; ++i)  
    {  
        cout << s[i] << endl;  
    }  
    return 0;  
}
```

OUTPUT –



```
C:\Users\VERMA\Downloads\p3.exe  
Enter 5 country names  
enter country  
BOLIVIA  
enter country  
ARGENTINA  
enter country  
UKRAINE  
enter country  
CHILE  
enter country  
PERU  
The countries in alphabetical order  
ARGENTINA  
BOLIVIA  
CHILE  
PERU  
UKRAINE  
  
-----  
Process exited after 41.6 seconds with return value 0  
Press any key to continue . . .
```