Code:

```cpp
#include<iostream>
#include<string.h>
using namespace std;
void bubblesort(string table[9][4] , int size1 , int size2) {
        string temp;
        for(int i=0;i<size1-1;i++)
                for(int j=0;j<size1-i-1;j++) {
                        if(table[j][1] > table[j+1][1]) {
                                for(int z=0;z<4;z++) {
                                        temp=table[j][z];
                                        table[j][z]=table[j+1][z];
                                        table[j+1][z]=temp;
                                }
                        }
                }
        }


int main() {
string table[9][4] =       {
                                                {

        {"CS13102"},{"Tom"},{"CS102"},{"PF"}
                                                },
                                                {
                                                        {"CS10156"},{"Jerry"},
{"CS306"},{"DE"},
                                                },
                                                {

        {"CS56782"},{"Blossom"},{"CS404"},{"PIT"},
                                                },
```

```
                                                    {

        {"CS12470"},{"Buttercup"},{"CS102"},{"PF"},

                                                    },
                                                    {

        {"CS10111"},{"Bubbles"},{"CS404"},{"PIT"},

                                                    },
                                                    {

        {"CS13026"},{"Sylvester"},{"CS102"},{"PF"},

                                                    },
                                                    {

        {"CS13025"},{"Bunny"},{"CS404"},{"PIT"},

                                                    },
                                                    {

        {"CS10101"},{"Daffy"},{"CS101"},{"ITC"},

                                                    },
                                                    {

        {"CS16024"},{"Tweety"},{"CS236"},{"CAL"}

                                                    }
                                            };
        bubblesort(table,9,4);
        cout<<"Roll number\tName\t\tCourse code\tCourse name\n";
        for(int i=0;i<9;i++){
                for(int j=0;j<4;j++){
                        for(int k=0;k<10;k++) {
                                cout << table[i][j][k] ;
                        }
                        cout<<"\t";
```

```
            }
            cout<<endl;
        }
}
```

Output:

```
Roll number       Name          Course code    Course name
CS56782           Blossom       CS404          PIT
CS10111           Bubbles       CS404          PIT
CS13025           Bunny         CS404          PIT
CS12470           Buttercup     CS102          PF
CS10101           Daffy         CS101          ITC
CS10156           Jerry         CS306          DE
CS13026           Sylvester     CS102          PF
CS13102           Tom           CS102          PF
CS16024           Tweety        CS236          CAL
```