

Answer on Question#39172- Programming, C++

1. Write a c++ program to print the given number in ascending order using bubble sort.

Solution.

```
#include <iostream>

using namespace std;

void bubble(char *items, int count);
int main(int argc, char* argv[])
{
    char *ch=new char;
    int a=0,b=0,i=0;
    cin>>ch;
    a=atoi(ch);
    while(a>0)
    {
        b=a%10;
        a/=10;
        i++;
    }

    bubble(ch, i);

    cin>>a;
    return 0;
}

void bubble(char *items, int count)
{
    register int a, b;
    register char t;

    for(a=1; a < count; ++a)
        for(b=count-1; b >= a; --b) {
            if(items[b-1] > items[b]) {

                t = items[b-1];
                items[b-1] = items[b];
                items[b] = t;
            }
        }

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

