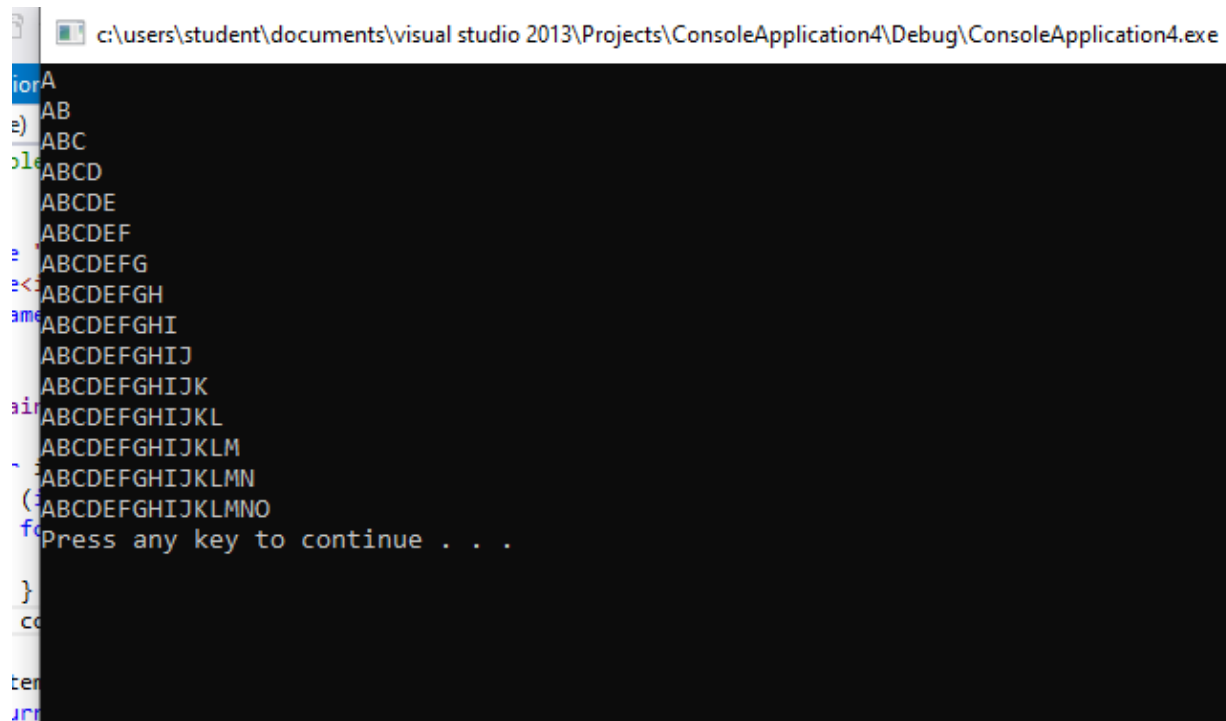Quetion2b


```cpp
// ConsoleApplication4.cpp : Defines the entry point for the console application.
//

#include "stdafx.h"
#include<iostream>
using namespace std;


int _tmain(int argc, _TCHAR* argv[])
{
        char i, j;
        for (int i = 'A'; i <='O'; i++){
                for (int j = 'A'; j <= i; j++){
                        cout << char(j);
                }
                cout << endl;
        }
        system("pause");
        return 0;
}
```

c:\users\student\documents\visual studio 2013\Projects\ConsoleApplication4\Debug\ConsoleApplication4.exe

```
A
AB
ABC
ABCD
ABCDE
ABCDEF
ABCDEFG
ABCDEFGH
ABCDEFGHI
ABCDEFGHIJ
ABCDEFGHIJK
ABCDEFGHIJKL
ABCDEFGHIJKLM
ABCDEFGHIJKLMN
ABCDEFGHIJKLMNO
Press any key to continue . . .
```


```cpp
// ConsoleApplication5.cpp : Defines the entry point for the console application.
//

#include "stdafx.h"
#include<iostream>
```

```cpp
using namespace std;

int _tmain(int argc, _TCHAR* argv[])
{
    int numbers[10];
    int even = 0;
    for (int i = 0; i < 10; i++){
        cout << "Enter integer " << endl;
        cin >> numbers[i];
    }
    for (int i = 0; i < 10; i++){
        cout << numbers[i];
    }
    for (int i = 0; i < 10; i++){
        if (numbers[i] % 2 == 0){
            cout << "even numbers" <<even<< endl;
        }
    }
    system("pause");
    return 0;
}

// ConsoleApplication6.cpp : Defines the entry point for the console application.
//

#include "stdafx.h"
#include<iostream>
using namespace std;

class rectangle{
private:
    double area, width, length;
public:
    void calculate(){
        cout << "enter length" << endl;
        cin >> length;
        cout << "enter width" << endl;
        cin >> width;
        area = length*width;
    }
    void display(){

        cout << "the area is" << area << endl;

    }
};
int _tmain(int argc, _TCHAR* argv[])
{
    rectangle m;
    m.calculate();
    m.display();
    system("pause");
    return 0;
}
```

```
enter length
4
enter width
7
the area is28
Press any key to continue . . .
```