In the first part you have general case.

```
#include<iostream>
#include<vector>

using namespace std;

int main() {
	vector<int> a;
	int n;

	cout << "Please enter amount of fibonacci's numbers : ";
	cin >> n;

	a.push_back(1);
	a.push_back(1);

	for (int i = 1; i < n; i++) {
		a.push_back(a[i] + a[i-1]);
	}

	cout << '0' << endl;

	for (int i = 0, j = n-1; i < n; i++, j--) {
		cout << a[j+1] - a[j]<< endl;
		cout << a[i] << endl;
	}

	system("pause");

	return 0;
}
```

Second part will show you results like an example in the task.

```
#include<iostream>
#include<vector>

using namespace std;

int main() {
	vector<int> a;

	a.push_back(1);
	a.push_back(1);

	for (int i = 1; i < 7; i++) {
		a.push_back(a[i] + a[i-1]);
	}

	cout << '0' << endl;

	for (int i = 0, j = 7-1; i < 7; i++, j--) {
		cout << a[j+1] - a[j]<< endl;
		cout << a[i] << endl;
	}

	system("pause");

	return 0;
}
```