

```
computer$ g++ class0.cpp
computer$ ./a.out
Enter your name and ID:
fad 100
Your name is fad and your id is: 100.
Input a number:
9
Input a number:
9
Input a number:
8
998

Printing:
0
1
2
```

```
#include <iostream> //look up these up on line (like I did in class) to see all the functions available to you
#include <vector>
#include <string>
```

```
using namespace std;
```

```
int main()
{
    string first_name;
    string last_name;
    int id;

    cout << "Enter your name and ID: " << endl; //output to screen
    cin >> first_name >> id; //input

    cout << "Your name is " << first_name << " and your id is: " << id << "." << endl;

    vector<int> v1; //like an ArrayList in Java-keep adding on
    int a;

    for (int i=0; i<3; i++)
    {
        cout << "Input a number:" << "\n";
        cin >> a;
        v1.push_back(a); //look up what the push_back function means (like I did in class)
    }

    for (int i=0; i<v1.size();i++)
    {
        cout << v1[i];
    }

    int b[3];
```

```
for (int i=0;i<3;i++)  
{  
    b[i]=i;  
}
```

```
cout<<"\n\nPrinting: "<<endl;
```

```
for (int i=0;i<3;i++)  
{  
    cout << b[i] << "\n";  
}
```

```
}
```