Name, Surname   :
Number   :
Course Code   : SENG114
Course Name   : Computer Programming II

Exam   :   ●Make-up   ○ Midterm   ○ Final
Date   :08.04.2014

Please make sure to write your name and student number on each paper that you have used

Question Number	1	2	3	**4**	**Total**
Mark					

Note: 1-Exam duration is 60 minutes only. 2-Read each question carefully.

Questions

Yrd.Doç.Dr. Oğuz Ata

1-(25p) Write a function that take some parameters which are int k and int x. And it return a float value. The function perform **k/x** process and return the result as a float. (think the possible error and handle it).

2-(25p)Write a function that can be main or another function. Iside of this function,call the function defined at the 1 question. If any error occured, your program catch the error and write an error message.

3-(10p) Write a function that use a **int** paramater with call by refference.

4-(40p) Explain the following code detailed. Dont miss anything. And write the output of the code.(if output is wrong, you dont gain any point)

```cpp
#include<iostream>
#include<vector>
#include<iterator>
using namespace std;
void test1(vector<int>);
void test2(vector<int>&);
void zxcv(const vector<int>&);
int main()
{       vector<int> myvector;
        myvector.push_back(2);
        myvector.push_back(5);
        myvector.push_back(7);
        myvector.push_back(9);
        cout <<"1."<<endl;
        zxcv(myvector);
        cout << endl;
        test1(myvector);
        cout <<"2."<<endl;
        zxcv(myvector);
        cout << endl;
        test2(myvector);
        cout <<"3."<<endl;
        zxcv(myvector);
        cout << endl;
        return 0;
}
void test1(vector<int> k){
        k.pop_back();
        k.pop_back();}
void test2(vector<int>& k){
        k.pop_back();
        k.pop_back();   }
void zxcv(const vector<int>& k){
        for(vector<int>::const_iterator
p=k.begin();p!=k.end();p++){
        cout << *p<<endl;
        }
}
```