



Figure 2: Results of Q1

```

//*****
/** DO NOT SUBMIT THIS FILE
//*****
#include <stdio.h>
#include <math.h>

/*  Q1 */
void generate(int);
/*  Q2 */
double pol(double); //implementation may go here
double dpol(double); //implementation may go here
double iterate(double);

int main()
{
    /*  Q1 */
    // some code to test the function(s)
    /*  Q2 */
    // some code to test the function(s)

    return 0;
}

```

deliverables/main.c

```
//*****
/** SUBMIT ONLY THIS FILE
/** DO NOT CHANGE ANYTHING
/** ONLY ADD THE IMPLEMENTATION
//*****
#include <stdio.h>
#include <math.h>

//***** Q1 *****
void generate(int n)
{
    //implementation goes here
}

//***** Q2 *****
double pol(double); //do not implement here
double dpol(double); //do not implement here
double iterate(double a)
{
    //implementation goes here
    return a;
}
```

deliverables/student.c