

Computational Physics III: Report 1

Fourier transforms and analysis

Due on March 27, 2014

Your name

Contents

Problem 1	3
(1)	3
(2)	3
(3)	3
(4)	3
Problem 2	4

Problem 1

First Problem

(1)

Answer to q.1

Listing 1: A script which does the calculation for q.1.

```
1 function ex(n)
2
3 switch n
4     case 1
5         ex1_1()
6     case 2
7         ex1_2()
8 end
9 end
10
11 function ex1_1()
12     disp('Ciao')
13 end
14
15 function ex1_2()
16     disp('Hello')
17 end
```

(2)

Answer to q.2

(3)

Answer to q.3

(4)

Answer to q.4

Problem 2

Second problem....