

Homework 1

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Note: This template is for course `basic computational physics` homework assignments. Please fill in your name and student ID above.

1 Problem1:

1.1 problem description

state the problem here

1.2 algorithm description

talk about the algorithm here, say monte carlo, finite difference, etc.

1.3 pseudocode

```
1 1. initialize variables
2 2. input
3 3. main loop
4 4. output
```

2 Problem2:

2.1 problem description

2.2 algorithm description

2.3 pseudocode

```
1 1. initialize variables
2 2. input
3 3. main loop
4 4. output
```

3 output examples

3.1 problem1

show screenshots or output examples here

3.2 problem2