This is a title

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Proposition 1.1.6 This is a proposition **Conjecture 1.1.7** This is a conjecture

Lemma 1.1.5 This is a lemma

Axiom 1.1.8 This is an axiom.

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		Theorem 1.1.1 Name of thm This is a theorem.	
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Proof 2. This is a proof			

Answer.m

```
1  % Plot function f(x) = 2*x^3 - x - 2
2  ezplot('2*x^3-x-2', [0, 2])
3  hold on
4  plot([0, 2], [0, 0], 'r')
```

```
def __self__(self):
    for i in range(10):
        print(f"This number is {i}.")

public static void main(String[] args) {
        System.out.println("Hello World!"); // comment
}
```

Algorithm 1: Bisection Algorithm

```
Input: a, b, M, \delta, \varepsilon
   u \leftarrow f(a)
   b \leftarrow f(b)
   e \leftarrow b - a
   Output: output
 1 begin
        if sign(u) = sign(v) then
         stop
 3
        for k=1 to M do
 4
             e \leftarrow e/2
 5
             c \leftarrow a + e
 6
             w \leftarrow f(c)
 7
             return k, c, w, e
 8
             if |e| < \deltaor |w| < \varepsilon then
 9
              stop
10
             if sign(u) \neq = sign(v) then
11
                  b \leftarrow c
12
13
                  v \leftarrow w
             else
14
15
                  a \leftarrow c
                  u \leftarrow w
16
```