**Pseudocode**

**Start**

**Read** a, b, epsilon, fa, fx, x0

epsilon := 0,001

a := -2

b := 1

fa := a \* a \* a – a + 1

fx := fa

**Repeat**

x0 := (a + b)/2

fx := x0 \* x0 \* x0 – x0 + 1

if fx \* fa < 0

b := x0

otherwise

a := x0

fa := fx

**Until** |fx| > epsilon

**Write** x0

**Stop**