Code:

object sqroot {

  def sqRoot(n: Int): Int={

var x = n;

var y = 1;

var e = 0.000001; while(x - y > e)

{

x = (x + y)/2;

y = n/x; }

return x; }

def main(args: Array[String]) {

println("Enter a number:")

var num: Int = scala.io.StdIn.readLine().toInt

println("Square root of "+num+" is "+sqRoot(num));

}

}

Output:

