object Polymorphisme {

def findFirst[A](as: Array[A], key:A): Int = {

def loop(n: Int): Int =

if (n >= as.length) -1

else if (as(n) == key) n

else loop(n + 1)

loop(0)

}

def lessThan = new Function2[Int, Int, Boolean] {

def apply(a: Int, b: Int) = a < b

}

def main(args: Array[String]): Unit = {

println("ID: " + findFirst(Array("Moi", "Toi", "Elle", "Lui"), "Elle") )

println("ID: " + findFirst(Array(15, 5, 23, 2), 2))

println("ID: " + findFirst(Array(1.2, 3.4, 0.2, 1.0), 1.0))

println(lessThan(10, 20))

}

}