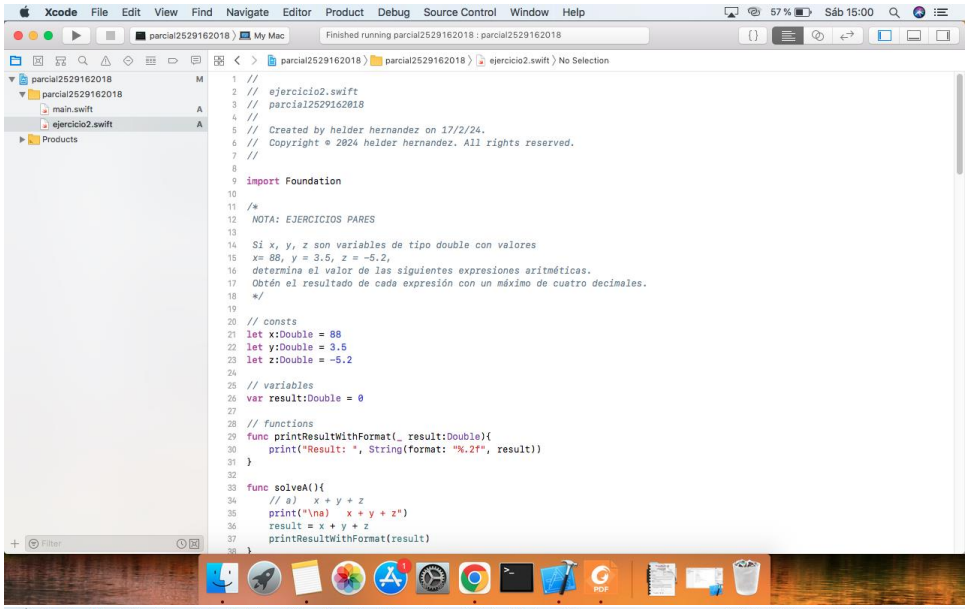
PARCIAL 1 – 2529162018

EJERCICIO 2

CAPTURA DE CODIGO



```swift
//
//  ejercicio2.swift
//  parcial2529162018
//
//  Created by helder hernandez on 17/2/24.
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//

import Foundation

/*
 NOTA: EJERCICIOS PARES

 Si x, y, z son variables de tipo double con valores
 x= 88, y = 3.5, z = -5.2,
 determina el valor de las siguientes expresiones aritméticas.
 Obtén el resultado de cada expresión con un máximo de cuatro decimales.
 */

// consts
let x:Double = 88
let y:Double = 3.5
let z:Double = -5.2

// variables
var result:Double = 0

// functions
func printResultWithFormat(_ result:Double){
    print("Result: ", String(format: "%.2f", result))
}

func solveA(){
    // a)   x + y + z
    print("\na)   x + y + z")
    result = x + y + z
    printResultWithFormat(result)
}
```
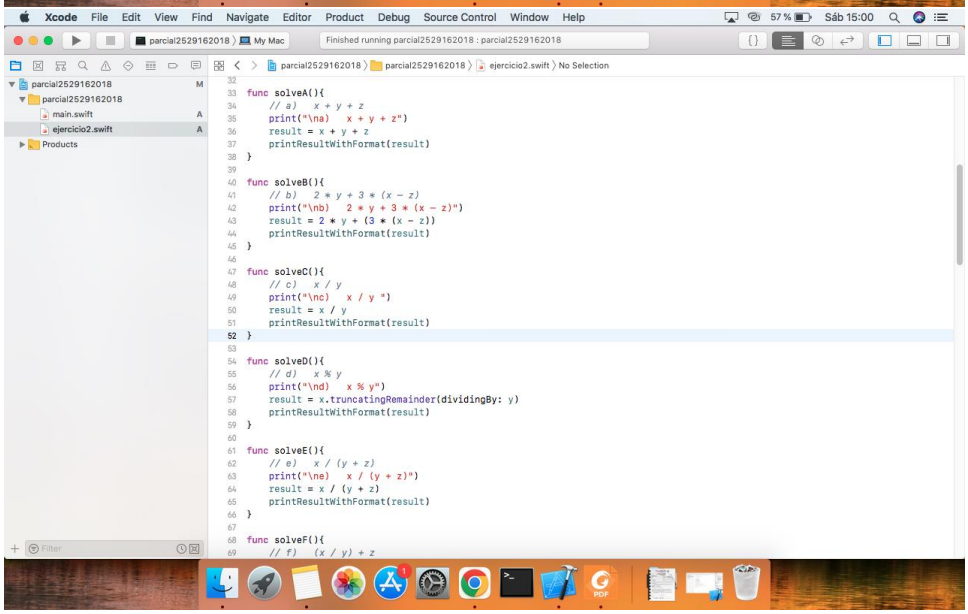
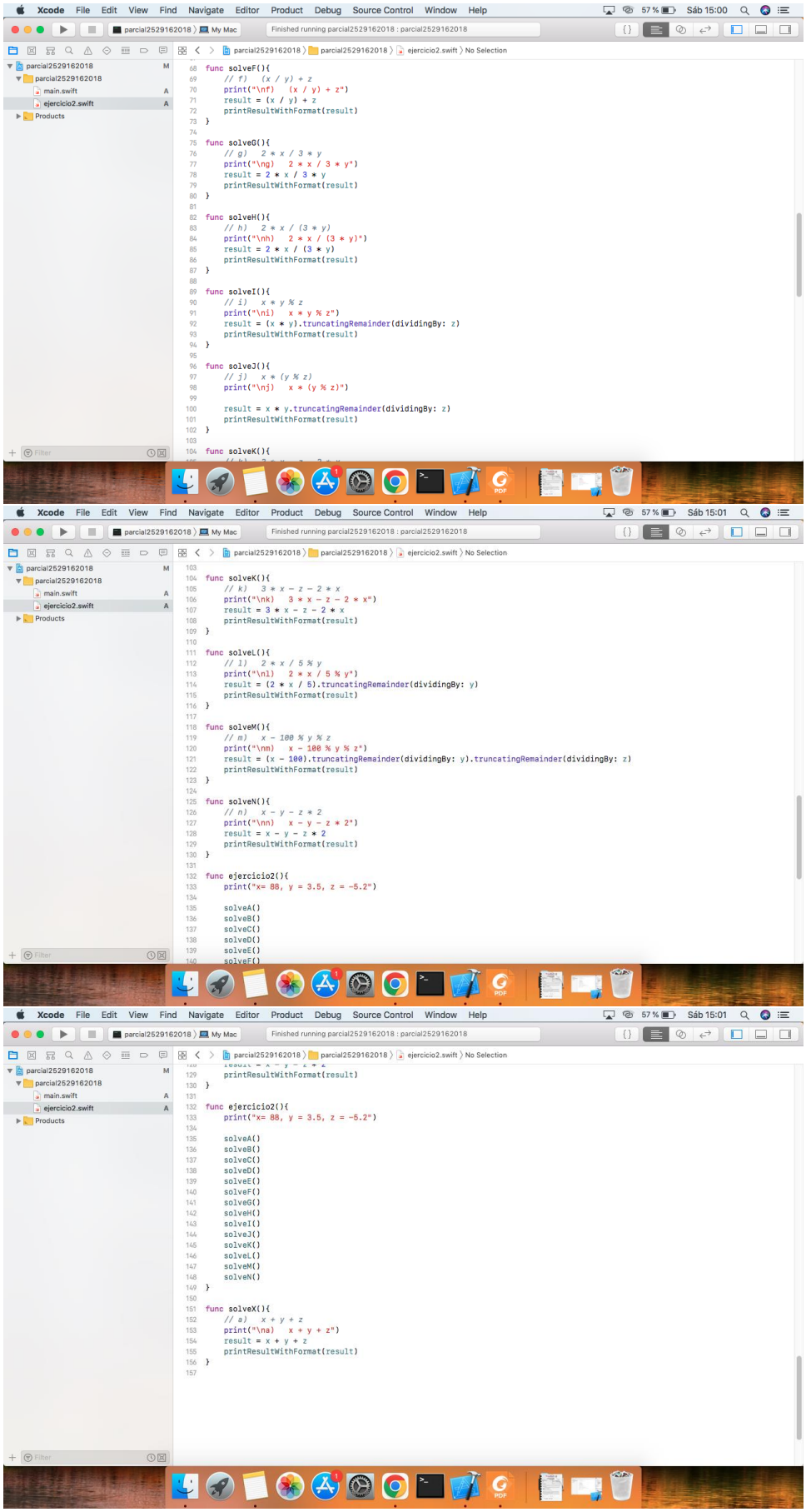
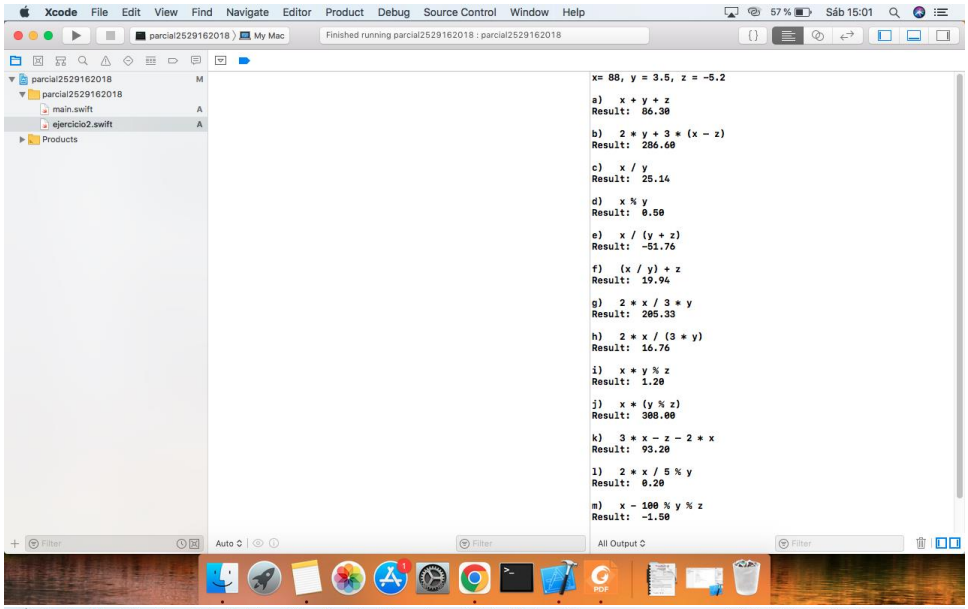
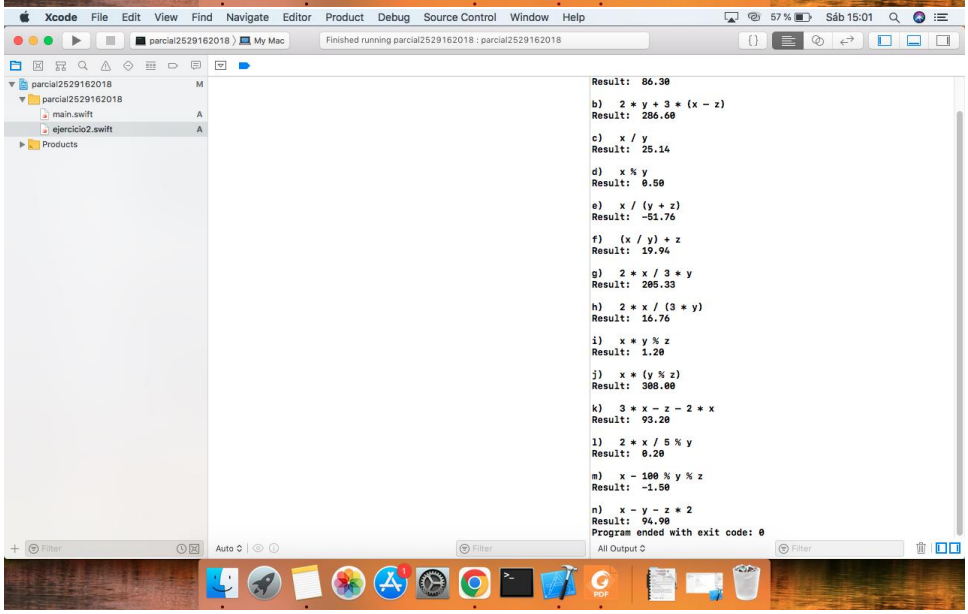



```swift
func solveA(){
    // a)   x + y + z
    print("\na)   x + y + z")
    result = x + y + z
    printResultWithFormat(result)
}

func solveB(){
    // b)   2 * y + 3 * (x - z)
    print("\nb)   2 * y + 3 * (x - z)")
    result = 2 * y + (3 * (x - z))
    printResultWithFormat(result)
}

func solveC(){
    // c)   x / y
    print("\nc)   x / y ")
    result = x / y
    printResultWithFormat(result)
}

func solveD(){
    // d)   x % y
    print("\nd)   x % y")
    result = x.truncatingRemainder(dividingBy: y)
    printResultWithFormat(result)
}

func solveE(){
    // e)   x / (y + z)
    print("\ne)   x / (y + z)")
    result = x / (y + z)
    printResultWithFormat(result)
}

func solveF(){
    // f)   (x / y) + z
```



CAPTURA DE IMPRESION DE CONSOLA


Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help
Sáb 15:01
parcial2529162018 M
parcial2529162018
main.swift A
ejercicio2.swift A
Products
x= 88, y = 3.5, z = -5.2
a) x + y + z
Result: 86.30
b) 2 * y + 3 * (x - z)
Result: 286.60
c) x / y
Result: 25.14
d) x % y
Result: 0.50
e) x / (y + z)
Result: -51.76
f) (x / y) + z
Result: 19.94
g) 2 * x / 3 * y
Result: 205.33
h) 2 * x / (3 * y)
Result: 16.76
i) x * y % z
Result: 1.20
j) x * (y % z)
Result: 308.00
k) 3 * x - z - 2 * x
Result: 93.20
l) 2 * x / 5 % y
Result: 0.20
m) x - 100 % y % z
Result: -1.50


Xcode File Edit View Find Navigate Editor Product Debug Source Control Window Help
Sáb 15:01
parcial2529162018 M
parcial2529162018
main.swift A
ejercicio2.swift A
Products
Result: 86.30
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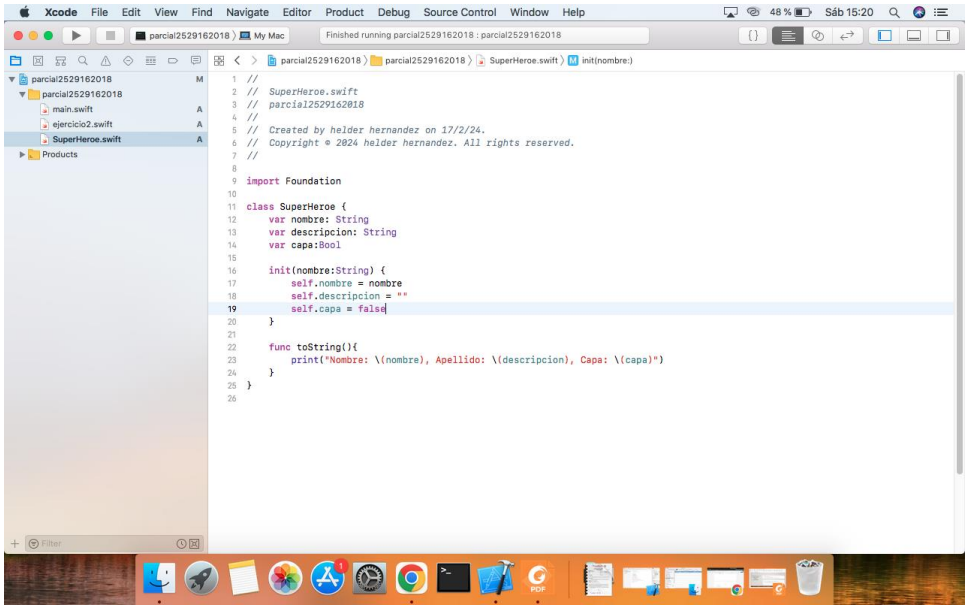
f) (x / y) + z
Result: 19.94
g) 2 * x / 3 * y
Result: 205.33
h) 2 * x / (3 * y)
Result: 16.76
i) x * y % z
Result: 1.20
j) x * (y % z)
Result: 308.00
k) 3 * x - z - 2 * x
Result: 93.20
l) 2 * x / 5 % y
Result: 0.20
m) x - 100 % y % z
Result: -1.50
n) x - y - z * 2
Result: 94.90
Program ended with exit code: 0

EJERCICIO 4

CAPTURA DE CODIGO



CAPTURA DE IMPRESION