func message()

{

print("Hello dear Swift students")

}

func Main()

{

message()

}

Main()

func message\_to\_you(name : String)

{

print("Hello",name)

}

func message\_to\_you\_2( \_ name : String)

{

print("Hello",name)

}

func Main()

{

message\_to\_you(name: "Tom")

message\_to\_you\_2("Tom")

}

Main()

func celsiusToFahrenhiet(c : Double)

{

var f : Double

f = 1.8 \* c + 32

print("Temperature in Fahrenhiet: ", f)

}

func celsiusToFahrenhiet(c : Double)

{

var f : Double

f = 1.8 \* c + 32

print("Temperature in Fahrenhiet: ", f)

}

func fahrenhietToCelsius(f : Double)

{

var c : Double

c = (f - 32.0) \* (5.0 / 9.0)

print("Temperature in Celsius: ", c)

}

func Main()

{

var c , f : Double

print("Temperature in Celsius:", terminator:" ")

let const\_c = (Double)(readLine()!)

c = const\_c!

celsiusToFahrenhiet(c : c)

print("Temperature in Fahrenhiet:", terminator:" ")

let const\_f = (Double)(readLine()!)

f = const\_f!

fahrenhietToCelsius(f : f)

print("\*\*\*\*\*\*\*End of Program\*\*\*\*\*\*\*")

}

Main()

func rectangle\_Area(width : Double, length : Double)

{

var area : Double

area = width \* length

print("Rectangle Area: ", area)

}

func rectangle\_Perimeter(width : Double, length : Double)

{

var perimeter : Double

perimeter = 2 \* (width + length)

print("Rectangle perimeter: ", perimeter)

}

func Main()

{

var width , length : Double

print("Rectangle Width:", terminator:" ")

let const\_w = (Double)(readLine()!)

width = const\_w!

print("Rectangle Length:", terminator:" ")

let const\_l = (Double)(readLine()!)

length = const\_l!

rectangle\_Area(width:width, length:length)

rectangle\_Perimeter(width:width, length:length)

print("\*\*\*\*\*\*\*End of Program\*\*\*\*\*\*\*")

}

Main()

func calculate\_bmi(wieght : Double, height: Double)

{

var BMI : Double

BMI = (wight \* 703) / (height \* height)

if BMI < 18.5 {

print("You are under wieght")

}

else{

if BMI <= 25{ //BMI between 18.5 - 25

print("You are in optimal wieght")}

else{ //BMI greater than 25

print("You are considered as over wieght")

}

}

}

func Main()

{

message()

}

Main()