



INSTITUTO POLITÉCNICO
NACIONAL



UNIDAD PROFESIONAL INTERDISCIPLINARIA DE
INGENIERÍA Y CIENCIAS SOCIALES Y
ADMINISTRATIVAS

VARIABLES Y TIPOS DE DATOS

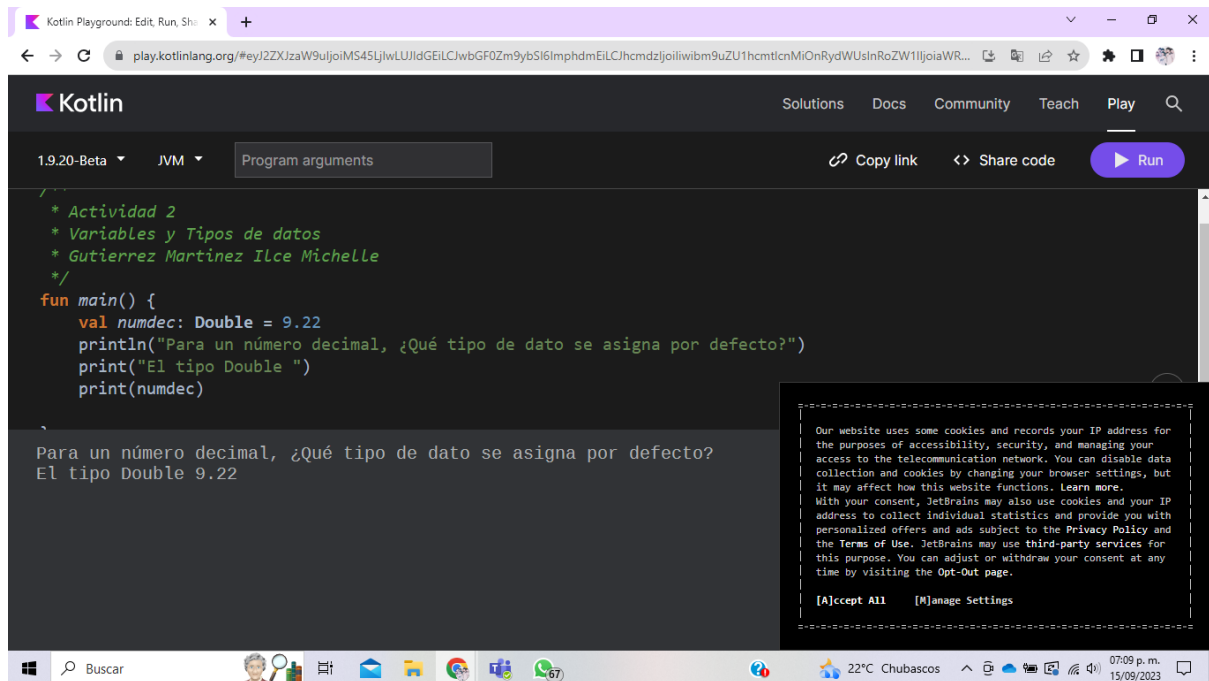
MATERIA: PROGRAMACIÓN WEB

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SECUENCIA: 6NM61

Número Decimal



The screenshot shows the Kotlin Playground interface. The code editor contains the following Kotlin code:

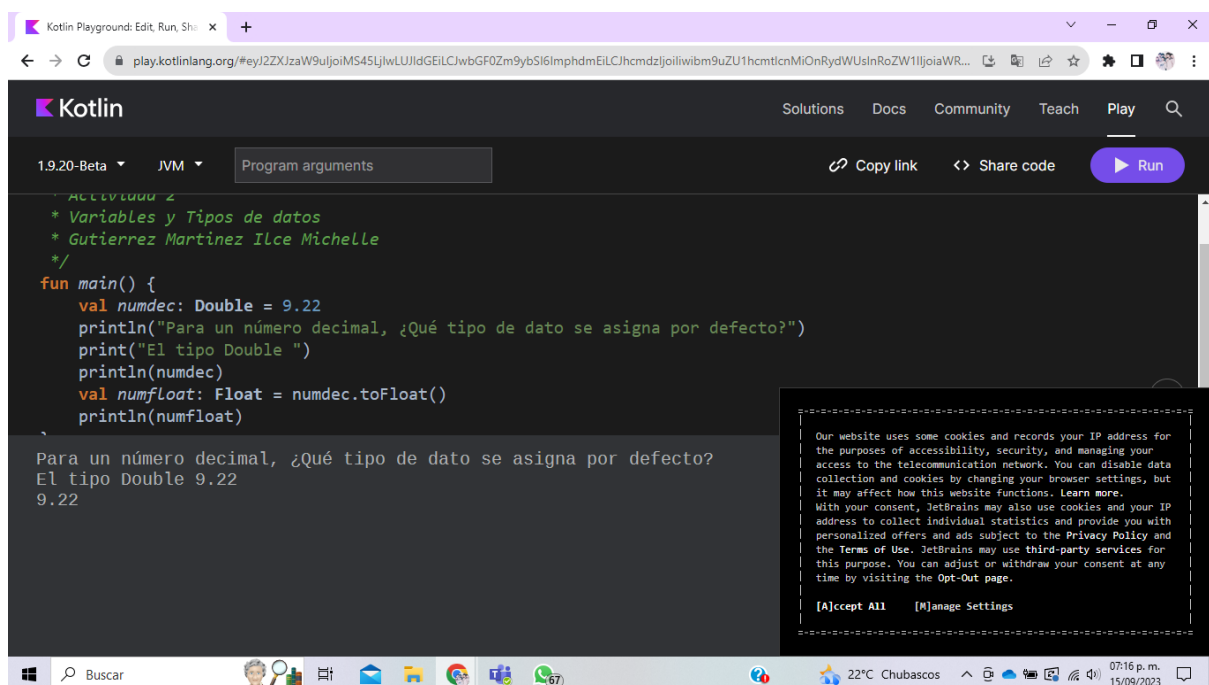
```
/* Actividad 2
 * Variables y Tipos de datos
 * Gutierrez Martinez Ilce Michelle
 */
fun main() {
    val numdec: Double = 9.22
    println("Para un número decimal, ¿Qué tipo de dato se asigna por defecto?")
    print("El tipo Double ")
    print(numdec)
}
```

The output of the program is displayed below the code editor:

```
Para un número decimal, ¿Qué tipo de dato se asigna por defecto?
El tipo Double 9.22
```

A cookie consent banner is visible on the right side of the playground interface.

Volver flotante a la variable decimal



The screenshot shows the Kotlin Playground interface. The code editor contains the following Kotlin code:

```
/* Actividad 2
 * Variables y Tipos de datos
 * Gutierrez Martinez Ilce Michelle
 */
fun main() {
    val numdec: Double = 9.22
    println("Para un número decimal, ¿Qué tipo de dato se asigna por defecto?")
    print("El tipo Double ")
    println(numdec)
    val numfloat: Float = numdec.toFloat()
    println(numfloat)
}
```

The output of the program is displayed below the code editor:

```
Para un número decimal, ¿Qué tipo de dato se asigna por defecto?
El tipo Double 9.22
9.22
```

A cookie consent banner is visible on the right side of the playground interface.

Perímetro de un círculo

The screenshot shows the Kotlin Playground interface in a web browser. The Kotlin code defines a constant `PI` as `3.1416f` and a `main` function. Inside `main`, a `Double` variable `numdec` is set to `9.22`, which is printed with a comment. Then, `numdec` is converted to a `Float` (`numfloat`) and printed. Finally, the perimeter is calculated as `PI * (numfloat * 2)` and stored in `pcirculo`, which is printed. The output shows the perimeter as `57.931103`. A cookie consent banner is visible on the right side of the editor.

```
//  
const val PI: Float = 3.1416f  
fun main() {  
    val numdec: Double = 9.22  
    /*println("Para un número decimal, ¿Qué tipo de dato se asigna por defecto?")  
    print("El tipo Double ")  
    println(numdec)*/  
    val numfloat: Float = numdec.toFloat()  
    /*println(numfloat)*/  
    val pcirculo: Float = PI * (numfloat * 2)  
    println("El perímetro del círculo es: $pcirculo")  
}
```

El perímetro del círculo es: 57.931103

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