

Visual Studio interface showing a C# program named "Numero de mayor a menor" being debugged. The code is as follows:

```
float n1;
float n2;
Console.WriteLine("Primer número: ");
n1 = float.Parse(Console.ReadLine());
Console.WriteLine("Segundo número: ");
n2 = float.Parse(Console.ReadLine());
if (n1 > n2)
{
    Console.WriteLine("El número mayor es: " + n1);
}
else
{
    Console.WriteLine("El número mayor es: " + n2);
}
```

The debugger is paused at line 3. The "Variables" window shows:

Nombre	Valor	Tipo
n2	0	float

The "Call Stack" window shows the current frame: "Numero de mayor a menor.dll|Program.<Main>.<string[] args>| Línea 3". The "Performance" window shows a diagnostic session of 0 seconds (695 ms selected).

Visual Studio interface showing the same C# program being debugged, but now at line 5. The code is the same as above. The debugger is paused at line 5. The "Variables" window shows:

Nombre	Valor	Tipo
n1	5	float

The "Call Stack" window shows the current frame: "Numero de mayor a menor.dll|Program.<Main>.<string[] args>| Línea 5". The "Performance" window shows a diagnostic session of 7 seconds (7,299 s selected).

Visual Studio Code interface showing a C# program named "Numero de mayor a menor" in debug mode. The code prompts for two numbers and prints the larger one. The debugger is paused at line 7, inside the if statement.

```
float n1;
float n2;
Console.WriteLine("Primer número: ");
n1 = float.Parse(Console.ReadLine());
Console.WriteLine("Segundo número: ");
n2 = float.Parse(Console.ReadLine());
if (n1 > n2)
{
    Console.WriteLine("El número mayor es: " + n1);
}
else
{
    Console.WriteLine("El número mayor es: " + n2);
}
```

Variables Locales:

Nombre	Valor	Tipo
n1	5	float
n2	3	float

Stack (Pila de llamadas):

Nombre	Leng	C#
Numero de mayor a menor.dll!Program.<Main>\$(string[] args) Línea 7		

Diagnostic Tools (Herramientas de diagnóstico):

- Resumen
- Eventos
- Uso de memoria
- Uso de CPU

Session diagnostic: 12 segundos (4,372 s selected)

Visual Studio Code interface showing the same C# program, but now paused at line 10, inside the else block. The debugger has stepped through the if statement.

```
float n1;
float n2;
Console.WriteLine("Primer número: ");
n1 = float.Parse(Console.ReadLine());
Console.WriteLine("Segundo número: ");
n2 = float.Parse(Console.ReadLine());
if (n1 > n2)
{
    Console.WriteLine("El número mayor es: " + n1);
}
else
{
    Console.WriteLine("El número mayor es: " + n2);
}
```

Variables Locales:

Nombre	Valor	Tipo
float.ToString devuelto	"5"	string
string.Concat devuelto	"El número mayor es: 5"	string
n1	5	float

Stack (Pila de llamadas):

Nombre	Leng	C#
Numero de mayor a menor.dll!Program.<Main>\$(string[] args) Línea 10		

Diagnostic Tools (Herramientas de diagnóstico):

- Resumen
- Eventos
- Uso de memoria
- Uso de CPU

Session diagnostic: 6 segundos (6,287 s selected)