

Favio Gutierrez – 1088322

Hoja de trabajo en clase

Parte A.

Online C# Compiler IDE

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Operadores_aritmeticos
8 {
9     class Program
10     {
11         static void Main(string[] args)
12         {
13             //Operadores aritmeticos
14
15             double num, pot, resultado;
16
17             Console.WriteLine("Digite el numero que quiere elevar: ");
18             num = Convert.ToDouble(Console.ReadLine());
19
20             Console.WriteLine("Digite a la potencia que quiere elevar: ");
21             pot = Convert.ToDouble(Console.ReadLine());
22
23             resultado = Math.Pow(num, pot);
24
25             Console.WriteLine("el resultado es:" + resultado);
26
27             Console.ReadKey();
28         }
29     }
30 }
31 }
```

Execute Mode, Version, Inputs & Arguments

mono-6.12.0



Interactive

CommandLine Arguments

```
Digite el numero que quiere elevar: 9
Digite a la potencia que quiere elevar: 2
el resultado es:81
|
```

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4
5 using System;
6 using System.Collections.Generic;
7 using System.Linq;
8 using System.Text;
9 using System.Threading.Tasks;
10
11 namespace Operadores_aritmeticos
12 {
13     class Program
14     {
15         static void Main(string[] args)
16         {
17             double[] doubles = { Double.MaxValue, 19.476e-17, 16.123, 0,
18                                 -86.069713, -17.8e9, Double.MinValue };
19             foreach (double value in doubles)
20                 Console.WriteLine($"Abs({value}) = {Math.Abs(value)}");
21         }
22     }
23 }
```

```
Abs(1.79769313486232E+308) = 1.79769313486232E+308
Abs(1.9476E-16) = 1.9476E-16
Abs(16.123) = 16.123
Abs(0) = 0
Abs(-86.069713) = 86.069713
Abs(-17800000000) = 17800000000
Abs(-1.79769313486232E+308) = 1.79769313486232E+308
```

Commented [MW1]: Get the conversation going by adding comments and using Share (above) to send a link to this doc. It's free! No subscription or sign-in necessary.

```

1= using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Operadores_aritmeticos
8 {
9     class Program
10     {
11         static void Main(string[] args)
12         {
13             //Operadores aritmeticos
14
15
16
17 short[] values = { Int16.MinValue, 1000, 0, -1966, Int16.MaxValue };
18 foreach (short value in values)
19 {
20     try {
21         Console.WriteLine($"Abs({value}) = {Math.Abs(value)}");
22     }
23     catch (OverflowException) {
24         Console.WriteLine("Unable to calculate the absolute value of {0}.",
25             value);
26     }
27 }
28 }
29 }
30
31

```

```

Abs(32767) = 32767
Abs(1000) = 1000
Abs(0) = 0
Abs(-1966) = 1966
Unable to calculate the absolute value of -32768.

```

Parte B.

```

1= using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace Operadores
8 {
9     class Program
10     {
11         static void Main(string[] args)
12         {
13             //Operadores logicos
14
15             double peso;
16
17             Console.WriteLine("Digita tu peso: ");
18             peso = Convert.ToDouble(Console.ReadLine());
19
20             Console.WriteLine("Digita tu edad: ");
21             edad = Convert.ToByte(Console.ReadLine());
22
23             Console.Clear();
24
25             if(peso > 100 && edad >=15 ){
26
27                 Console.WriteLine("Tu peso es normal");
28             }
29             Console.ReadKey();
30
31             ....}
32     ....}
33 }

```