



Friday 11 April

٤ ذى الحجة ١٤١٧

الجمعة ١١ أبريل

~~* Parse *~~

```
Console.WriteLine("Enter Data User");
```

```
Console.Write("Enter name:");
```

```
String Name = Console.ReadLine();
```

```
Console.Write("Enter Age:");
```

```
int Age = int.Parse(  
    Console.ReadLine());
```

```
Console.Write("Enter Salary:");
```

```
double Salary = double.Parse(  
    Console.ReadLine());
```

```
Console.Clear();
```

```
Console.WriteLine("name: " + name +
```

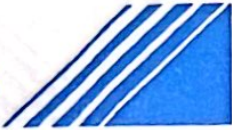
```
"Age: " + age + "Salary: " + salary);
```




* EXPLICIT Casting *

Long X = 12345678901

int Y = (int) X → unsafe
Casting
Overflow



Value types casting

* implicit casting

* EXPLICIT casting

* Parse

* convert

* implicit casting *

```
int x = 4;
```

```
Long y = x;
```




* Assignment operators *

```
int x = 10;
```

```
x += 10;
```

```
x -= 10;
```

```
x *= 10;
```

```
x /= 10;
```

```
x %= 10;
```

* Relation operators *

```
int A = 10;
```

```
int B = 10;
```

```
Console.WriteLine(A == B);
```




Sunday 13 April

٦ ذى الحجة ١٤١٧

الأحد ١٣ أبريل

Operators

* Unary operators

int x = 5;

Console.WriteLine(x);

Console.WriteLine(--x);

* Binary operators

int sum, mul, sub, div, Mod;

int A = 8;

int B = 5;

sum = A + B;

mul = A * B;

sub = A - B;

div = A / B;

Mod = A % B;

Console.WriteLine(sum);

Console.WriteLine(mul);

Console.WriteLine(sub);

Console.WriteLine(div);

Console.WriteLine(Mod);



* convert *

```
Console.WriteLine("Enter Date User");
```

```
Console.Write("Enter Name :");
```

```
string Name = Console.ReadLine();
```

```
Console.Write("Enter Age");
```

```
int Age = Convert.ToInt32(Console.  
ReadLine());
```

```
Console.Write("Enter salary");
```

```
Double salary = Convert.ToDouble  
(Console.ReadLine());
```

```
Console.Clear();
```

```
Console.WriteLine("name:" + name +  
"Age:" + Age + "salary:" + salary);
```




* Bitwise Operators *

console.WriteLine(true & false);

true & true → true

true & false → false

false & true → false

false & false → false

console.WriteLine(true | false);

true | true → true

true | false → true

false | true → true

false | false → false



Tuesday 15 April

٨ ذى الحجة ١٤١٧

الثلاثاء ١٥ أبريل

* Logical Operator *

→ `console.WriteLine(true && false);`

`true && true` → `true`

`true && false` → `false`

`false && true` → `false`

`false && false` → `false`

→ `console.WriteLine(true || false);`

`true || true` → `true`

`true || false` → `true`

`false || true` → `true`

`false || false` → `false`



Saturday 19 April

١٢ ذى الحجة ١٤١٧

السبت ١٩ أبريل

١٩/٤/٢٠١٧

switch

switch (monthNumber)

{

case 1:

console.WriteLine("Month is Jan");

break;

case 2:

console.WriteLine("Month is Feb");

break;

case 3:

console.WriteLine("Month is Mar");

break;

default: console.WriteLine("Invalid")

break;

}

if

```
Console.WriteLine("Enter Month")
int monthNumbers = int.Parse(Console.ReadLine)
if (monthNumbers == 1)
    Console.WriteLine("month is Jan");
else if (monthNumbers == 2)
    Console.WriteLine("Month is Feb");
else if (monthNumbers == 3)
    Console.WriteLine("month is Mar")
else
    Console.WriteLine("invalid input");
```




ternary operator

```
int x = 4;
```

```
string Message = x > 4
```

```
"greater than 4" : "x Less than or  
Equal 4";
```

```
Console.WriteLine(Message);
```

Operator Precedence

1- unary operator

2- ()

3- * / %

4- + -

```
int A = 20;
```

```
int B = 15;
```

```
int C = 10;
```

```
int D = 11;
```

```
int Result;
```

```
Result = (A + B) * C / D;
```

```
Result = A + + * C;
```