

# Typecasting   Numerical $\longleftrightarrow$ Non Numeric

⊗ Numeric to Non-numeric  $\rightarrow$  part 1

⊗ Non-numeric - Numeric  $\rightarrow$  Part 2

The Code here: [the int  $\longleftrightarrow$  char]

```
public class Main {  
    public static void main(String[] args) {  
        // The character "A"
```

```
        int myNum = 65;
```

```
        System.out.println("The num: " + myNum);
```

```
        char myChar = (char) myNum;
```

```
        System.out.println("The char = " + myChar);
```

```
    }  
}
```

```
The char = A
```

// nice versa

```
char theChar = 'A';
```

```
int result = (int) theChar;
```

```
System.out.println("The result is = " + result);
```

```
The result is = 65
```

}

The code for int  $\longleftrightarrow$  string conversion.

```
public class Main {  
    public static void main(String[] args) {
```

```
// int  $\longrightarrow$  string
```

```
int myNum = 10;
```

```
System.out.println("The num = " + myNum);
```

```
String myString = Integer.toString(myNum);
```

```
System.out.println("The string = " + myString);
```

```
The string = 10
```

```
// String  $\longrightarrow$  int
```

```
String theString = "100";
```

```
System.out.println("The string = " + theString);
```

```
int resultInt = Integer.parseInt(theString);
```

```
System.out.println("The parsed result = " +  
                    resultInt);
```

```
The parsed result = 10
```

}

...

}

(here the  
output is integer)

----- End of Code -----

Personal Note: (Look on the right side)

// while : int  $\longrightarrow$  String  
use : Integer.toString();

int  $\longrightarrow$  String  
Integer.toString()

// while : String  $\longrightarrow$  int  
use : Integer.parseInt();

String  $\longrightarrow$  int  
Integer.parseInt()