**Assignment 12 - Meta-programming in Java**

Part 1

Declare an annotation that can be used to ensure that a method parameter is not null.

**ANS**

sampleMethod (@NotNull int input , @NotNull string sInput) {

}

Or

@interface Range {

int max() default Integer.MAX\_VALUE;

int min() default Integer.MIN\_VALUE;

}

sampleMethod (@Range(min=0, max =100) int input) {

}

Part 2

How many type attributes does the following interface have?

public interface Function <T, S> {

T apply(S input);

}

**ANS**

**2 Type attributes T and S**

**Genrice <T, S>**