# ui

## Main

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+Main()
+main(args:String[]):void
+timePrinter():void

# model

## Control

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+final String INPUT_PATH = "data//input.txt"
+final String OUTPUT_PATH = "data//output.txt"
-br : BufferedReader
-bw : BufferedWriter

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+Control()
+initiate():long
+operationDecision(instructions:String,pos:int,head:char):int

## Turing

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-cellsNo : int

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Turing()
+readCell(head:char):char
+addCell(letter:char, head:char):void
+removeCell(head:char):void
+getFirstCell():Cell
+getC0():Cell
+getC1():Cell
+getC2():Cell
+getCellsNo():int
+setFistCell(firstCell:Cell):void
setC0(c0:Cell):void
setC1(c1:Cell):void
setC2(c2:Cell):void
setCellsNo(cellsNo:int):void

-control    1

-turing    1

-turing    1

-c0    -c1    -c2    -firstCell

0..1    0..1    0..1    0..1

## TuringTest

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-setup1():void
-setup2():void
+addCellTest1():void
+addCellTest2():void
+addCellTest3():void
+addCellTest4():void
+readCellTest1():void
+readCellTest2():void
+readCellTest3():void
+readCellTest4():void
+removeCellTest1():void
+removeCellTest2():void
+removeCellTest3():void
+removeCellTest4():void
+removeCellTest5():void

## Cell

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-letter : char

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Cell(l:char)
+getLetter():char
+getNextCell():Cell
+getPrevCell():Cell
+setLetter(letter:char):void
+setNextCell(nextCell:Cell):void
+setPrevCell(prevCell:Cell):void

1

1

-prevCell    -nextCell