# DESIGN

Main

# Initialize Scanner input  
 # Output: “Enter a time in milliseconds”

# milliseconds <- input

# timeHHMMSS = convertMillis(milliseconds)

### convertMillis ###

# input: long millis

# long seconds = millis / 1000

# long minutes = seconds / 1000

# long hours = minutes / 60

# seconds = seconds % 60

# minutes = minutes % 60

# String hhmmss = hours + ":" + minutes + ":" + seconds

# return hhmmss

# Output: timeHHMMSS

Diagram

A screenshot of a computer screen

Description automatically generated

# TEST PLAN

|  |  |  |
| --- | --- | --- |
| Test # | Input | Expected Output |
| 1 | 5500 | 0:0:5 |
| 2 | 100000 | 0:1:40 |
| 3 | 555550000 | 154:19:10 |

# SCREEN SHOTS

1

A blue screen with white text

Description automatically generated

2

A blue screen with white text

Description automatically generated

3

A blue screen with white text

Description automatically generated