MARMARA UNIVERSITY



CSE 4060.1- Project Report

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Submitted to:

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OVERALL OUTPUTS

LEFTPAR 1:1
DEFINE 1:2
LEFTPAR 1:9
IDENTIFIER 1:10
IDENTIFIER 1:20
RIGHTPAR 1:21
LEFTPAR 2:1
LET 2:3
IDENTIFIER 2:7
LEFTPAR 2:11
LEFTPAR 2:12
IDENTIFIER 2:13
NUMBER 2:18
RIGHTPAR 2:19
LEFTPAR 2:21
IDENTIFIER 2:22
NUMBER 2:26
RIGHTPAR 2:27
LEFTPAR 2:29
IDENTIFIER 2:30
NUMBER 2:32
RIGHTPAR 2:33
RIGHTPAR 2:34
LEFTPAR 3:1
IF 3:3
LEFTPAR 3:6
IDENTIFIER 3:7
IDENTIFIER 3:9
IDENTIFIER 3:11
RIGHTPAR 3:12
IDENTIFIER 3:14
LEFTPAR 3:18
IDENTIFIER 3:19
IDENTIFIER 3:23
LEFTPAR 3:27
IDENTIFIER 3:28
IDENTIFIER 3:30
IDENTIFIER 3:35

```
IDENTIFIER 3:43
NUMBER 3:45
RIGHTPAR 3:46
RIGHTPAR 3:47
RIGHTPAR 3:48
RIGHTPAR 3:49
RIGHTPAR 3:50
<Program>
    <TopLevelForm>
        LEFTPAR (()
        <SecondLevelForm>
            <Definition>
                DEFINE (define)
                <DefinitionRight>
                    LEFTPAR (()
                    IDENTIFIER (fibonacci)
                    <ArgList>
                        <ArgList>
                    RIGHTPAR ())
                    <Statements>
                        <Expression>
                            LEFTPAR (()
                                <LetExpression>
                                    <LetExpr>
                                        IDENTIFIER (fib)
                                        LEFTPAR (()
                                        <VarDefs>
                                            <Expression>
                                                NUMBER (0)
                                            <VarDef>
                                                <VarDefs>
                                                     LEFTPAR (()
                                                    IDENTIFIER (cur)
```

```
IDENTIFIER (cur)
        <Expression>
           <VarDefs>
               LEFTPAR (()
                IDENTIFIER (i)
                   NUMBER (0)
                <VarDef>
<Expression>
        <IfExpression>
            <Expression>
                       IDENTIFIER (=)
                        <Expressions>
                            <Expressions>
                                <Expression>
                RIGHTPAR ())
            <Expression>
                <Expression>
```

```
<Expression>
                                                                                 <Expressions>
                                                                                                        <Expression>
                                                                                                            NUMBER (1)
                                                                                                         <Expressions>
                                     RIGHTPAR ())
▶ Run ≔ TODO ❸ Problems ≺ Build ❖ Profiler ☑ Terminal
                                                                                                             <Expressions>
                                                                                        <Expressions>
<Program>
Process finished with exit code \boldsymbol{\theta}
```