HASKELL QUIZ

CHAPTERS 1-5

Name: Ewen Malenfant

**1.   What is the difference between White Box Testing and Black Box Testing**

&&

**30 PTS**

White Box Testing in Haskell involves testing the internal workings of the system, with knowledge of the code and its structure. Black Box Testing in Haskell involves testing the system's inputs and outputs without any knowledge

**2.   BOOLEAN OPERATORS**

**20 PTS**

a.

What is the Boolean operator for AND

***||***

b.

What is the Boolean operator for OR

c.

What is the Boolean operator for NOT

*not*

d.

What is the Boolean type in Haskell ?

*‘\t’*

*True or False*

**3.   CHARACTERS**

**25 pts**

a.

What is the special character for tab

b.

What is the special character for newline

*‘\n’*

*‘\\’*

c.

What is the special character for backslash

*‘\’’*

d.

What is the special character for single quote

 ‘\"’

e.

What is the special character for double quote

**4.   CODE ERROR**

**10 pts**

Please identify and correct the following code so it compiles without any error

 let x = 1

let a = x + 1

**5.   Please identify the data type below**

List of Boolean values.

**10 pts**

[True]

**6.   Describe the difference between Polymorphism and Overloading**

**30 PTS**

Polymorphism in Haskell refers to the ability of functions or types to be used with different types of arguments or values. Overloading in Haskell refers to the ability to define multiple functions with the same name, but different argument types or numbers.

TOTAL:    \_\_\_\_\_\_\_\_\_\_\_ / 125