

Name: Tiziano Cutillo**1. What is the difference between White Box Testing and Black Box Testing 30 PTS**

« White Box testing » is testing code without looking at it, and most of the time they are build and designed before the code is written. « Black Box testing » is the complete opposite, we build test based on code that was already written.

**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 «!» or «not»
- d. What is the Boolean type in Haskell? «Bool»

**3. CHARACTERS 25 pts**

- a. What is the special character for tab «\t»
- 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

```
Assigned x = x+
1
```

```
let x = x + 1
```

**5. Please identify the data type below 10 pts**

[True]

It is a list of boolean values.

**6. Describe the difference between Polymorphism and Overloading 30 PTS**

Polymorphisme is a function or a data type that can operate on values of different types. Overloading allows functions or operators to have different implementations based on the arguments type given.

TOTAL:            / 125