

## W3. Conditional Statements

1. What is a Conditional statement?

2. What is an IF statement? Give an example of an IF statement.

3. What will be the result of this code?

```
a = 33
b = 200

if b < a:
    print("B is less than A")
else:
    print("B is greater than A")
```

Result: \_\_\_\_\_

4. Make a program that will calculate the area of a square. Ask the user for the side of the square and save it into the variable "a". Check if "a" is more than 0. If it is more than 0 then calculate the area and show the result. If it is less than 0 then show an error message "The side of the square is less than 0, can't calculate".

\_\_\_\_ = \_\_\_\_\_ ( \_\_\_\_\_ ("What is the value of a? "))

\_\_\_\_ > \_\_\_\_\_

\_\_\_\_\_ = a \* a

\_\_\_\_\_ ("Area of the square is", \_\_\_\_\_ )

\_\_\_\_\_ print ("\_\_\_\_\_")