1. What would the result of the following be:
    1. TRUE && FALSE
    2. FALSE || FALSE
    3. FALSE || TRUE

2. What is the difference between = and == operators

3. What would the following code print

```
def number_checker(number)
  if number == 10
    "Exactly 10"
  elsif number < 10
    "Small Number"
  else
    "Large Number"
  end
end

number_checker(30)
```

4. Specify the out come of this code

```
a = 1
a = a + 4
b = a * 5 + 2
print(a)
print(b)
```

5. What is the difference between a "class" and "object"

6. What do you know about "Inheritance"?

7. What would this code do

```
x = 7
while x > 5
  print x
  x = x + 1
end
```

8. Write a sample / pseudo code for printing numbers 1 to 10 in any language.

9. Write a sample code that will set a variable **a** to something then sets variable **b** to 5 times a and sets variable **c** to the sum of **a** and **b**

10. Write a sample code that will will print numbers from 1 to 100 and if the number is divisible by 3 then it will print "Hey"