**1.What are the two values of the Boolean data type? How do you write them?**

The 2 values of Boolean datatypes are TRUE and FALSE and also (0 and 1)

a = True

print(a)

print(type(a))

**True**

**<class 'bool'>**

**2. What are the three different types of Boolean operators?**

The 3 types of Boolean operators are AND ,OR,NOT

**3. Make a list of each Boolean operator's truth tables (i.e. every possible combination of Boolean values for the operator and what it evaluate ).**

**4. What are the values of the following expressions?**

**(5 > 4) and (3 == 5)**

**not (5 > 4)**

**(5 > 4) or (3 == 5)**

**not ((5 > 4) or (3 == 5))**

**(True and True) and (True == False)**

**(not False) or (not True)**

**5. What are the six comparison operators?**

**6. How do you tell the difference between the equal to and assignment operators?Describe a condition and when you would use one.**

**7. Identify the three blocks in this code:**

**spam = 0**

**if spam == 10:**

**print('eggs')**

**if spam > 5:**

**print('bacon')**

**else:**

**print('ham')**

**print('spam')**

**print('spam')**

**8. Write code that prints Hello if 1 is stored in spam, prints Howdy if 2 is stored in spam, and prints Greetings! if anything else is stored in spam.**

**9.If your programme is stuck in an endless loop, what keys you’ll press?**

**10. How can you tell the difference between break and continue?**

**11. In a for loop, what is the difference between range(10), range(0, 10), and range(0, 10, 1)?**

**12. Write a short program that prints the numbers 1 to 10 using a for loop. Then write an equivalent program that prints the numbers 1 to 10 using a while loop.**

**13. If you had a function named bacon() inside a module named spam, how would you call it after importing spam?**