

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

Ans-

- a true
- B false

2 What are the three different types of Boolean operators?

ans-

- And operator
- Or operator
- Not operator

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)-----true and false-----false

not(5>4)-----not true-----false

(5>4)or (3==5)-----true or false-----true

Not((5>4)or(3==5))-----not(true or false)----false

5. What are the six comparison operators?

Ans

- A >
- B >=
- C <
- D <=
- E ==
- F !=

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

Ans

Assignment operator are used as assign a value

A=456

Equal operator are used for check the values are same or not

45==56

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')

Ans

Ham
Spam
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.

Ans

```
a=int(input("if you are meeting first time press 1"))
B=int(input("if you are meeting second time press 2"))
If A==1:
    Print("hello")
elif B==2:
    Print("how are you")
else:
    Print("thankyou for coming"):
```

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

Ans

Intrupt the program

In jupyter notebook I ll press (i i)

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

Ans

Break is used for emediate exit from the loop

Continue will iterate all the conditon in thje loop

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

Ans

I don't know sir

I think all are same

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.

A) For i in range(10):
Print(i)

B)

A=[]

While i ==10:

A. append(i)

i=i+1

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

