Demonstrate with writing code for all the below questions  :

1. Demonstrate two ways to create an empty hash

2. What is returned if you pass a key that doesnt exist into a hash?

3. How would you return all the keys in a hash?

4. How do you see if a key is in a hash?

5. What is the difference between += and << ?

6. How do you interpolate into a string?

7. a = "one" b = "one" .. does a == b? does a.object\_id == b.object\_id? What does == usually evalutate for

8. Is nil an object?

9. nil.nil? returns?

10. nil.to\_s returns?

11. nil.inspect returns?

12. How can you make a string into a symbol?

13. Write a rescue clause. Does a rescue have to be in a begin / end clause?

14. How do you define a module?

15. Can you instantiate a module?

16. which is right .... class dog ... Class dog ... class Dog ...or... Class Dog

17. Can you define two methods with the same name ... one an instance level method the other a class level method?

18. What is method\_missing and how do you define it?

19. What is self?

20. Write a Ruby program to convert a string to integer value

  ex:

  "-12" => 12

  "12" => 12

  "+12" => 12

  \* You should not use predfined methods.

  \* Input must be given through teminal

  \* If the format is wrong, should alert the user

21. Write a ruby program to find a given input is number or string?

  \* Shouldn't use predefined methods

  \* No need to check for fraction.

  Ex:

    '123232' ==> number

    'Rs 123' ==> string

    '-1213' ==> number

    '+1213' ==> number

    'test' ==> string