1. **read name and surname and combje and print**

name=input("enter your name")

surname=input("enter your surname")

print(name+surname)

**Output:** enter your name Ram

Enter your surname Seetha

Ram Seetha

1. **print what type of 3+j5**

a=3+5j

print(type(a))

**Output:** <class ‘complex’>

1. **print all the keywords**

import keyword

print(keyword.kwlist)

A screenshot of a computer

Description automatically generated

**4. explain rules of variables with example**

1. First letter preferred alphabets (either upper or lower case).

Ex: Print

if

1. It accept underscore (\_) also as first letter

Ex: \_xyz\_

1. It should not start with numbers, it will accept numbers after first letter

Ex: Coin12

1. It doesn’t allow Doller symbol($)

Ex: $cash

**5. explain 10 features of python.**

1. Simple and easy to learn:

We can understand very easily like English.

2.Platform independent:

“Write once run anywhere”, that means once we can write the program, we can run it in any platform without changes.

3. high level programming language:

This programming language is like English, and it is programmer friendly language.

4.Freeware and open source:

Without any licence we can use it. Moreover, it is free ware and open source.

5.Portability:

We can migrate from one platform to another very easily.

6. Dynamically typed:

Python is not required dynamically typed, if we assigned the values, depend upon value the type will be automatically allocated.

7.Interpreted:

Once compilation fails syntax error will come, even though next line results are also not printed. If compilation success, then only it will execute.

8.Both program oriented and object-oriented language:

It supports both program and object oriented features and we can get both features like reusability and security.

9.Embedded:

Python programs we can use in any other languages also.

10.Extensive library:

It has in built library, so program can use it directly, there is no need to implement functionality.