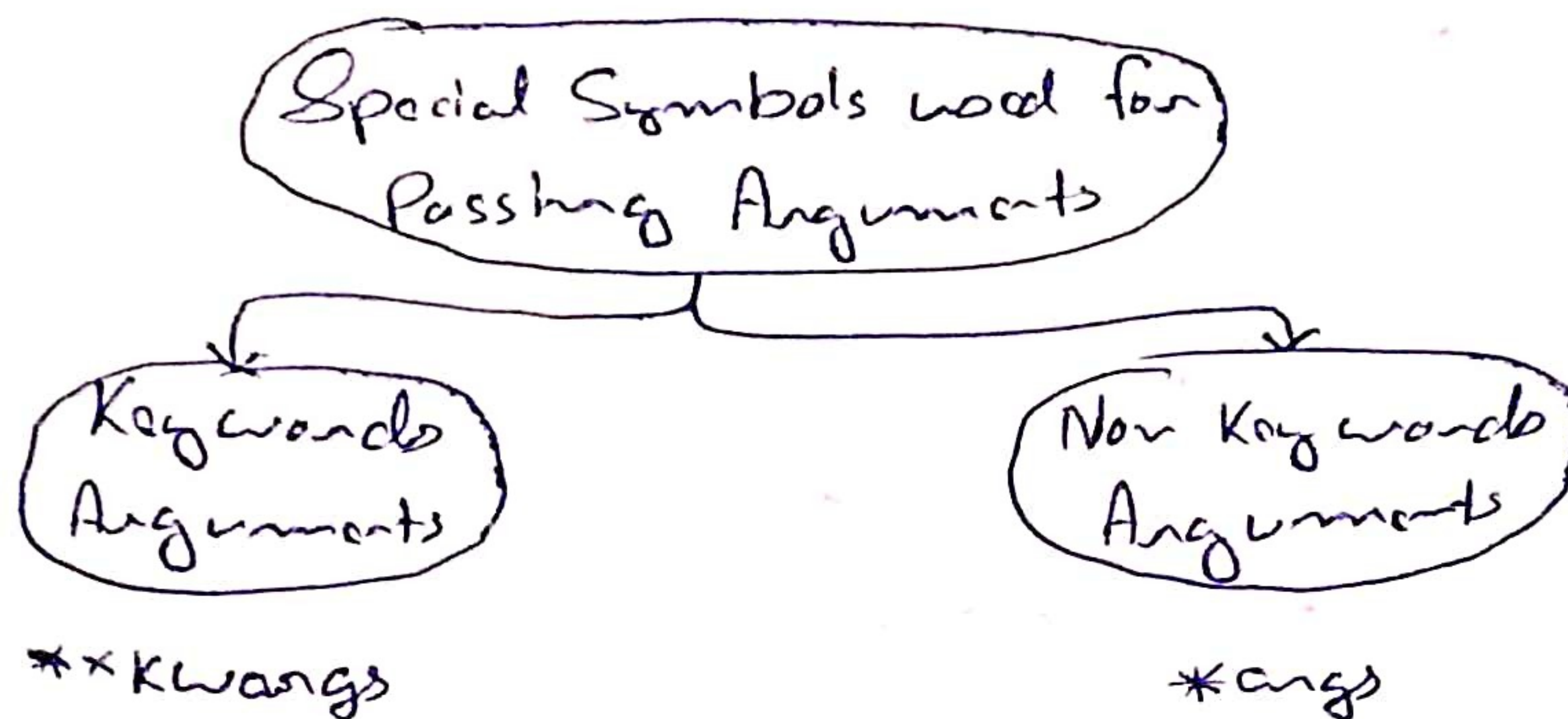


★ *args and **kwargs in python

⇒ In python we can pass a variable number of arguments to a function using special symbols.



1. *args

⇒ Used to pass a non-key worded, variable-length argument list.

⇒ Using the *, the variable that we associate with * becomes an iterable meaning you can do things like iterate over it.

Example

```
def MyFun(*argv):  
    for arg in argv:  
        Print(arg)
```

```
MyFun('Hello', 'this', 'and', 'many')
```

⇒ A function can also have first few fixed argument and then variable argument.

Example

```
def MyFun(arg1, arg2, *argv)
```


2. **kwargs

⇒ Used to pass a keyworded variable-length argument list.

⇒ One can think of the kwargs as being a dictionary that maps each keyword to the value that we pass alongside it.

Example

```
def MyFun(**kwargs):  
    for key, value in kwargs.items():  
        print("%s == %s" % (key, value))
```

```
MyFun(First = 'Aditya', Last = 'Shrivastava')
```

→ First == Aditya
Last == Shrivastava

⇒ Same as *args a function can also have first few argument fixed and then variable arguments.