1-

class Thing :

pass

example =Thing()

The printed values are differents.

2 - class Thing2:

Print('abc')

3-

class Thing3 :

pass

letters = Thing3()

letters='xyz' . We don't need to make an object from the class to do this

4- class Element:

```
    def __init__(self,name,symbol,number):
        self.name = name
        self.symbol = symbol
        self.number = number
```

```
element = Element('Hydrogen','H',1)
```

5-

```
dictionnary = {'name':'Hydrogen','symbol': 'H' , 'number': 1}
```

```
hydrogen =
Element(dictionnary['name'],dictionnary['symbol'],dictionnary['number'])
```

6-

```
class Element:
    def __init__(self,name,symbol,number):
        self.name = name
        self.symbol = symbol
        self.number = number

    def dump(self):
        return self.name ,self.symbol,self.number
```

```
hydrogen.dump()
```

```
7- class Element:

    def __init__(self,name,symbol,number):
        self.name = name
        self.symbol = symbol
        self.number = number

    def __str__(self):
        return self.name ,self.symbol,self.number
```

```
8 - class Element:

    def __init__(self,name,symbol,number):
        self.__name = name
        self.__symbol = symbol
        self.__number = number
```

```
9- class Bear:

     def __str__(self):
        return f"berries"


class Rabbit:
     def __str__(self):
        return f"clovers"


class BearOctothorpe:
     def __str__(self):
        return f"campers"


10 - class Laser:

     def __str__(self):
        return f"berries"


class Rabbit:
     def __str__(self):
        return f"clovers"


class BearOctothorpe:
```

```
    def __str__(self):
        return f"campers"
```