

OOPS TASK quiz

4 out of 4 correct

1. Refer the below code:

```
class Human:  
    def __init__(self, first_name, last_name, age):  
        self.first_name = first_name  
        self.last_name = last_name  
        self.age = age
```

```
h001 = Human("Abhay", "Kashyap", 26)
```

In the above code which will act as the object?

- ☐ Human
- ☒ h001
- ☐ Abhay
- ☐ "Abhay"

Explanation: Here, the Human is a class that gives the blueprint to construct the object. When the class with corresponding properties are passed into the h001 variable then the variable h001 will act as an object.

2. In the above code self is a ____ .

- ☐ keyword
- ☐ attribute



- ☐ constructor
- ☒ reference to current instance to the class

Explanation: The self parameter is a reference to the current instance of the class, and is used to access variables that belong to the class.

3. Maximum how many objects can be created using a class?

- ☐ Only 2
- ☐ 1
- ☐ depends on the number of attribute in it
- ☒ Multiple

Explanation: The class is just a blueprint to create an object so there is no limit in creating objects using a single class. Thus, we can create multiple objects using a single class.

4. From the above code, which one is the constructor?

- ☐ class
- ☐ def
- ☒ `__init__`
- ☐ Human

Explanation: A constructor is a unique function that helps in building an object out of a class. Here, using `__init__` we are assigning values to the data members of that class.

Submit