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