

Oops Fundamentals Assignment Questions

Q1. How to create an object?

Ans: To create an object we use **new** keyword.

Q2. What is the use of a new keyword in java?

Ans: The new keyword in java instantiates a class by allocating desired memory for an associated new object.

Q3. What are the different types of variables in java?

Ans: In java there are three types of variables.

- a) Instance variable
- b) Local variable
- c) Static variables

Q4. What is the difference between instance and local variable?

Ans:

- **Instance Variable:** They are defined in class but outside the body of methods.
- **Local Variable:** They are defined as a type of variable declared within in programming blocks or subroutines.

Q5. In which area memory allocated for instance and local variable?

Ans:

- Instance variable: It will be stored on the heap memory as the part of the object.
- Local Variable: It will be stored inside the stack.

Q6. What is the method overloading?

Ans: Method overloading in java is a feature that allows a class to have more than one method with the same name, but with different parameters.