**Assignment 7**

1. **How to create an object in Java?**

By using the new Keyword

1. **What is the use of a new keyword in Java?**

It is used to create an object

1. **What are the different types of variables in Java?**

* Instance Variables
* Local Variables
* Static Variables

1. **What is the difference between Instance Variable and Local Variable?**

When the variable is created inside the method then it is known as Local Variable.

When the variable is created outside the method and inside the class then it is known as Instance Variable.

1. **In which area memory is allocated for local and instance variables?**

In the Stack area, memory is allocated for local and instance variables.

1. **What is Method Overloading?**

When there are more than one functions with the same name but different parentheses, then it is called Method Overloading.