1. How to create classes and object in java

//Classes are defined with the class keyword

class GFG {

// Declaring and initializing string

String name = "GeeksForGeeks";

// Main driver method

public static void main(String[] args)

{

//creating object of class inside main() using new keyword

GFG obj = new GFG();

// Print and display the object

System.out.println(obj.name);

}

}

Outpu: GeeksForGeeks

1. How to link list in Java

The LinkedList stores its items in "containers." The list has a link to the first container and each container has a link to the next container in the list. To add an element to the list, the element is placed into a new container and that container is linked to one of the other containers in the list.

// Import the LinkedList class

import java.util.LinkedList;

public class Main {

public static void main(String[] args) {

LinkedList<String> cars = new LinkedList<String>();

cars.add("Volvo");

cars.add("BMW");

cars.add("Ford");

cars.add("Mazda");

System.out.println(cars);

}

}

Output: [Volvo, BMW, Ford, Mazda]

1. How to create Threads in java

Threads allows a program to operate more efficiently by doing multiple things at the same time. Thet can be used to perform complicated tasks in the background without interrupting the main program.

public class Main implements Runnable {

public static void main(String[] args) {

Main obj = new Main();

Thread thread = new Thread(obj);

thread.start();

System.out.println("This code is outside of the thread");

}

public void run() {

System.out.println("This code is running in a thread");

}

}

1. How to create java constructs

A constructor in Java is a special method that is used to initialize objects. The constructor is called when an object of a class is created. It can be used to set initial values for object attributes:

// Create a Main class

public class Main {

int x; // Create a class attribute

// Create a class constructor for the Main class

public Main() {

x = 5; // Set the initial value for the class attribute x

}

public static void main(String[] args) {

Main myObj = new Main(); // Create an object of class Main (This will call the constructor)

System.out.println(myObj.x); // Print the value of x

}

}

Outputs: 5

1. How to create java Arry List

int[] myArray = new int[] {1, 2, 3};

The int[] myArray says that we want to declare a new variable called myArray that has the type of an array of integers.

new int[] says we want to immediately allocate memory to store data in this array.

{1,2,3} is the data we want to store in the array.