```java
import java.util.Arrays;
import java.util.List;
import java.util.Map;
import java.util.stream.Collectors;
/**
 * Write a program to find out Gender using Stream API?
 * @author Sankar Karra
 *
 */
class Employee{
	Integer id;
	String name;
	String gender;
	Double salary;

	public Employee() {
	}

	public Employee(Integer id, String name, String gender, Double salary) {
		super();
		this.id = id;
		this.name = name;
		this.gender = gender;
		this.salary = salary;
	}

	public Integer getId() {
		return id;
	}
	public void setId(Integer id) {
		this.id = id;
	}
	public String getName() {
		return name;
	}
	public void setName(String name) {
		this.name = name;
	}
	public String getGender() {
		return gender;
	}
	public void setGender(String gender) {
		this.gender = gender;
	}
	public Double getSalary() {
		return salary;
	}
	public void setSalary(Double salary) {
		this.salary = salary;
```

```
	}

	@Override
	public String toString() {
		return "Employee [id=" + id + ", name=" + name + ", gender=" +
			gender + ",+salary=" + salary + "]";
	}
}

public class Test{

	public static void main(String[] args) {
		List<Employee> list= Arrays.asList(
				new Employee(101, "sankar", "F", 20000D),
				new Employee(102, "ravi", "M", 30000D),
				new Employee(102, "ram", "F", 70000D),
				new Employee(102, "durga", "M", 90000D),
				new Employee(103, "kiran", "M", 40000D),
				new Employee(104, "sam", "F", 50000D));

		Map<Boolean, List<Employee>> response
	  =list.stream().collect(Collectors.partitioningBy(i->i.getGender()=="M"));

		System.out.println("Male Employees: "+response.get(true));
		System.out.println("Female  Employees: "+response.get(false));
	}
}
```