Problem 1:

import java.util.\*;  
import java.util.stream.Collectors;  
import java.util.stream.Stream;  
  
public class Touppercase {  
 public static void main(String[] args) {  
 *changecase*();  
  
 }  
 public static void changecase() {  
 List<String> list1 = Arrays.*asList*("java", "guvi", "python");  
 List<String> list2= list1.stream()  
 .map(String::toUpperCase) // map method used for uppercase  
 .collect(Collectors.*toList*());  
 System.*out*.println(list2);  
 }  
}

Input given "java", "guvi", "python"

Output:

[JAVA, GUVI, PYTHON]

Problem 2:

import java.util.ArrayList;  
import java.util.Arrays;  
import java.util.List;  
import java.util.Objects;  
import java.util.stream.Collectors;  
import java.util.stream.Stream;  
  
public class Emptyornot {  
 public static void main(String[] args) {  
*eon*();  
 }  
 public static void eon(){  
 List<String> list1= Arrays.*asList*("abc","","bc","efg","abed","","jkl");  
 List<String> list2=list1.stream()  
 .filter(s->!s.isEmpty()) // filter check for non empty string  
 .collect(Collectors.*toList*());  
 System.*out*.println(list2);  
 }  
  
}

input given "abc","","bc","efg","abed","","jkl"

output [abc, bc, efg, abed, jkl]

Problem 3:

import java.util.Arrays;  
import java.util.List;  
import java.util.stream.Collectors;  
  
public class gift {  
 public static void main(String[] args) {  
*getgift*();  
 }  
 public static void getgift(){  
 // given input of 10 student  
 List<String> list1= Arrays.*asList*("abdul","arun","aravind","bala","Chinna","desoza","kathir","selvan","ram","Zakir");  
 List<String> list2=list1.stream()  
 .filter(s -> s.startsWith("a")) // filtering the students with starting letter 'a'  
 .collect(Collectors.*toList*());  
 System.*out*.println(list2);  
 }  
}

input given "abdul","arun","aravind","bala","Chinna","desoza","kathir","selvan","ram","Zakir"

output [abdul, arun, aravind]

Problem 5:

import java.time.LocalDate;  
import java.time.temporal.ChronoUnit;  
  
public class Datediff {  
 public static void main(String[] args) {  
 LocalDate l1=LocalDate.*now*(); // it gives current date  
 LocalDate l2=LocalDate.*of*(1990,05,13); //specified date  
 System.*out*.println("Year "+ChronoUnit.*YEARS*.between(l2,l1)+" "+"Month "+ChronoUnit.*MONTHS*.between(l2,l1)+" "+"Days "+ChronoUnit.*DAYS*.between(l2,l1));  
 }

output

Year 34 Month 415 Days 12641