**1.SOLUTION**

package task5;  
import java.util.List;  
import java.util.stream.Collectors;  
import java.util.stream.Stream;  
  
public class Solution1 {  
 public static void main(String[] args) {  
  
 Stream<String> names = Stream.*of*("aBc", "d", "ef");  
  
 List<String> upperCaseNames = names  
 // Convert each string to uppercase  
 .map(String::toUpperCase)  
 // Collect the result into a list  
 .collect(Collectors.*toList*());  
  
  
 System.*out*.println(upperCaseNames);  
 }  
 }

**OUTPUT:**

[ABC, D, EF]

**2.SOLUTION**

package task5;  
import java.util.Arrays;  
import java.util.List;  
import java.util.Objects;  
import java.util.stream.Collectors;  
  
public class solution2 {  
 public static void main(String[] args) {  
 List<String> liststrings= Arrays.*asList*("abb","","bc","efg","abcd","","kjl");  
 List<String> list=liststrings.stream().filter(s-> !Objects.*equals*(s, "")).collect(Collectors.*toList*());  
 System.*out*.println(list);  
  
 }  
}

**OUTPUT:**

[abb, bc, efg, abcd, kjl]

**3.SOLUTION**

package task5;  
import java.util.Arrays;  
import java.util.List;  
import java.util.stream.Collectors;  
  
public class Solution3 {  
 public static void main(String[] args) {  
 List<String> list= Arrays.*asList*("avinash","manoj","ramesh","arjun","kiran","arjun","avinash","naveen","jay","Aswin");  
 List<String> list1= (List<String>) list.stream().filter(s->s.startsWith("a")).collect(Collectors.*toList*());  
 System.*out*.println(list1);  
  
 }  
}

**OUTPUT:**

[avinash, arjun, arjun, avinash]

**4.SOLUTION**

package task5;  
import java.time.LocalDate;  
import java.time.format.DateTimeFormatter;  
import java.util.Scanner;  
public class Solution4 {  
 public static void main(String[] args) {  
 // Create a Scanner for user input  
 Scanner scanner = new Scanner(System.*in*);  
  
 // Ask the user for their birth year, month, and day  
 System.*out*.print("Enter your birth year (e.g., 1999): ");  
 int year = scanner.nextInt();  
  
 System.*out*.print("Enter your birth month (1-12): ");  
 int month = scanner.nextInt();  
  
 System.*out*.print("Enter your birth day (1-31): ");  
 int day = scanner.nextInt();  
 LocalDate currentDate = LocalDate.*now*();  
  
 // Calculate the year,month and days of birth  
 LocalDate dateYear = currentDate.minusYears(year);  
 LocalDate dateMonth = currentDate.minusMonths(month);  
 LocalDate dateDay = currentDate.minusDays(day);  
  
 //print the age by using DateTime Formatter.  
 DateTimeFormatter formatter1 = DateTimeFormatter.*ofPattern*("yy");  
 DateTimeFormatter formatter2= DateTimeFormatter.*ofPattern*("MM");  
 DateTimeFormatter formatter3 = DateTimeFormatter.*ofPattern*("dd");  
  
 System.*out*.println("Your age is: " + dateYear.format(formatter1)+"Years"+","+ dateMonth.format(formatter2)+"Month"+",and"+" "+  
 dateDay.format(formatter3)+"Days");  
  
 }  
 }

**OUTPUT:**

Enter your birth year (e.g., 1999): 2002

Enter your birth month (1-12): 03

Enter your birth day (1-31): 14

Your age is: 22Years,09Month,and 06Days