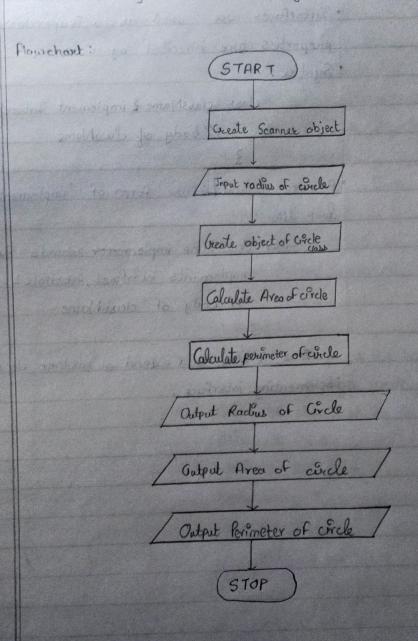
Aim: Greate, debug and sun jova programs based on package



Aim: Greate debug and sun java programs based on Package.

Theory:

What is a package?
→ "Packages are Java language's way of grouping a variety of classes and/or interfaces together. Tava packages act as "Containers" for classes.

Java packages are further classified

into two types:

- i) Java API package
- 11) User defined packages

· Greating Packages:

- 1. Declare package at the beginning of File using the form: package packageName;
- 2. Define the class that is to be put it in the package and declare it public.
- 3. Create a subdirectory under the directory where the main source files are stored.
- 4. Store the listings as the classneme java file in the Subdirectory created.
- 5. Compile the file. This creates . class file in the subdirectory.

· Accessing package:

1. The import statement is used when there are many references to a particular package or the parkage name is too long and unwiedy.

2. Syntax: import package 1 [package 2] [package 3]. class Name: import package 1 [.package 2] [.package 3]. 1; · Using package: · Syntax : import package 1. class Name; This will import the specific classes from the package]. OR import packagez. +; This will import the all the classes from accessible dasses from the package] · What is Static import? - The feature of static import eliminates the need of qualifying a static member with the class name · Syntax: import Static package-name. Subpackage-name. class-name Static-member; import static package-name. Subpackage-name. class-name. *;

Conclusion:

Hence, I learnt about the concepts of package and static import. = also coded, developed, debugged and executed programs based on the concept of packages.