



# Packages

# Packages

- **Package** in java is a construct to encapsulate a group of classes, sub packages and interfaces.

Packages are used for:

- Preventing naming conflicts.

Ex. There can be two classes with name Student in two packages,  
`cdac.acts.Student` and `cdac.subneam.Student`

- Easy searching/locating and usage of classes, interfaces, enumerations
- Providing controlled access:
  - protected and default have package level access control.
  - A protected member is accessible by classes in the same package and its subclasses. A default member (without any access specifier) is accessible by classes in the same package only.