Project Assignment – 11 December 2020

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Creating a parent class with the following variables

* Var 1 as protected String
* Var 2 as private String
* Var 3 as String (no modifier)
* Var 4 as public String

Creating 2 packages

* App (Class Parent, Child, Others)
* Bpp (Class Child1, Others1)

To demonstrate the accessibility of the different modifiers.

Below is the table of summary the control accessibility as a child and others (unrelated to parent) and also other package (Child and other classes).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Package | app | | | bpp | |
| Modifier | Parent | Child | Others | Child1 | Others1 |
| Protected | accessible | accessible | accessible | accessible | Not accessible |
| Private | accessible | Not accessible | Not accessible | Not accessible | Not accessible |
| Default | accessible | accessible | accessible | Not accessible | Not accessible |
| Public | accessible | accessible | accessible | accessible | accessible |
|  |  |  |  |  |  |

**Package “app”**

**Class Parent**

Var 1 as protected String

Var 2 as private String

Var 3 as String (no modifier)

Var 4 as public String

**Package “bpp”**

**Class Other1**

other1Var as private String

**Class Child1**

child1Var as private String

**Class Others**

othersVar as private String

**Class Child**

Var5 as private String