8 Differences between constructors and methods are

Constructors are used to initialize state of object while method is to expose the behavior

Constructor invoke implicitly, while method invoke explicitly

Constructor name must be same as class name while method name can be anything

Constructor must not have a return type while method must have a return type

9 Passing by value means the called function’s parameter will be a copy of callers passed argument. Passing by reference means the functions parameters will be same as callers passing arguments.

Passing by value will be used when the value you are passing won’t be modified. Passing by reference will take care of dynamic value in the parameters, it will also allow updating the value in the functions sub routine.