Task 2 Day 2

Date 7th Jan 2021

Difference between Copy by Value and Copy by Reference

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| **Copy by Value** | **Copy by reference** |
| 1.In Copy by value the data which variable hold is passed to another variable. Both the variables refer two different memory locations. | 1.In Copy by Reference the data which variable hold is passed to another variable. Both the variables refer same memory location. |
| 2.Copy by Value will be applied for Primitive data types like sting, numbers and Boolean. | 2. Copy by Reference will be applied for Composite data types like Array and object |
| 3. In Copy by value the values are directly copied to new variable. | 3. In Copy by Reference the values are not directly copied to new variable. |
| 4. Variables will not be connected to each other even though both 2 variables contain same values | 4. Variables will connect to each other. |
| 5. Changes taking place in one variable will not affect another variable. | 5. If value changed in One variable, same value will be changes in in another variable also. |