Week 31

## 1) Factory Method pattern

It create object bosed on I/P at

Adv - O Loose couping -> Eas to change

Appin - Jova Collection API

By using subclass you want to create object, flexibility in code that time used.

Dis -> Complexity overide factor method

what happen if it doen't Exist:

modify mony part for change,

@ Abstract Factory Method,

of related objects without specifying their Concrete classes.

AUGUST

M T W T F S S M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Saturday

> Object-created within Rom Adv Security Scolobled + Adding new Product

Apply + button, text boxes. datobase connection Library

Dis - complex to implement Hord to Extend

IF doesn't Exist + individualy in stantiale family of Object

> Inconistence UI compont mixed accidenty breaking UI

Sunday

Wakulima ya Nane Nane (Tanzania

Pattern

Adv-O Laz initolization
Obs is created only when it is

needed

APPI"

Datobase connection Configuration Settings

"Whether you think you can or think you can't – you are right." – Henry Ford

Dis - O Global State - + tight coupling

O multiple threed at a time

If doen 4 Exist.

multiple Instance Grated errors. conflict Log filing

Builder Pottuno

Adv = Floribility a Allow to construt complex Obj Redoble code by specify only needs

Sequence No matter

APPI - construct pizza obj with mong In gradient

3 ys & cond Apps

Dis - Ocompler.

IF down - PRIST Constructor with many parameter August

Constructor with many parameter MTWTFSSMTWTFSS

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16 17 18 19 20 21 22

optional potente would

require orriooding constructor

@ prototype pattern.

performance

Decoupling

Appin -> Game Development -> Choracter

Dis - Complexly Hord Code

what IF doun't Exist -

monuely make new obj Each time Performance Low. Time Consume