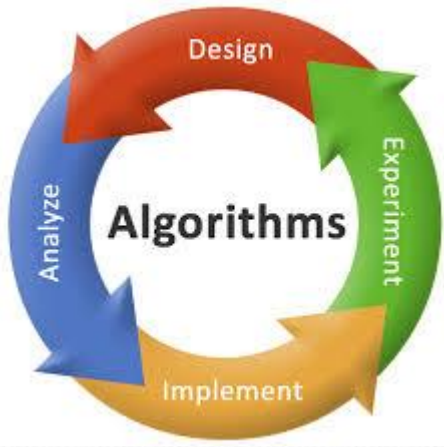
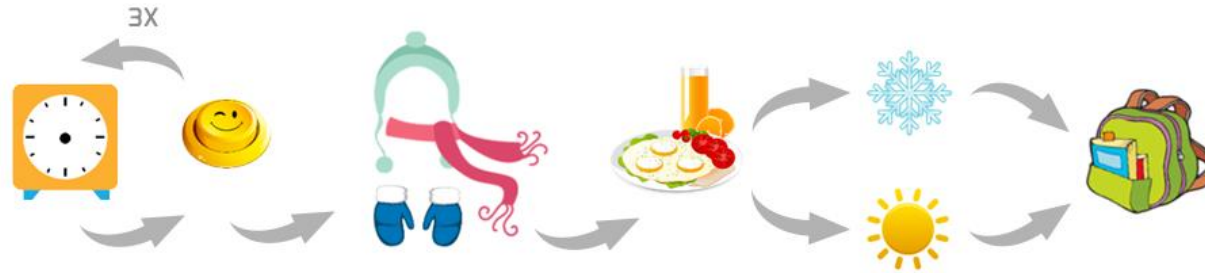
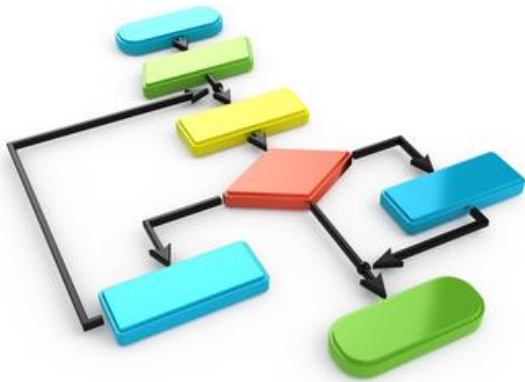


Algorithms



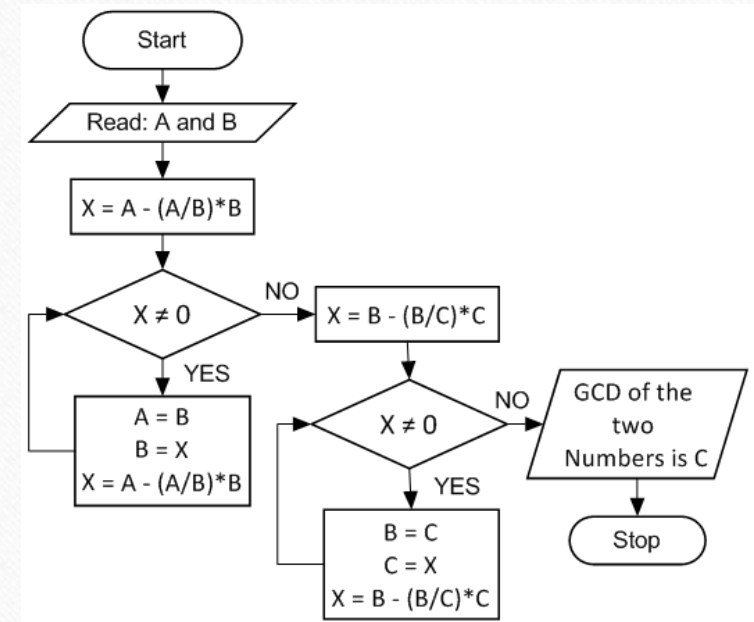
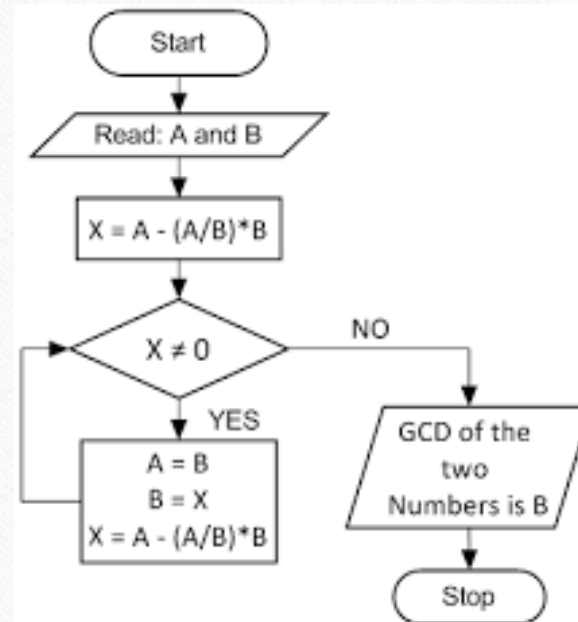
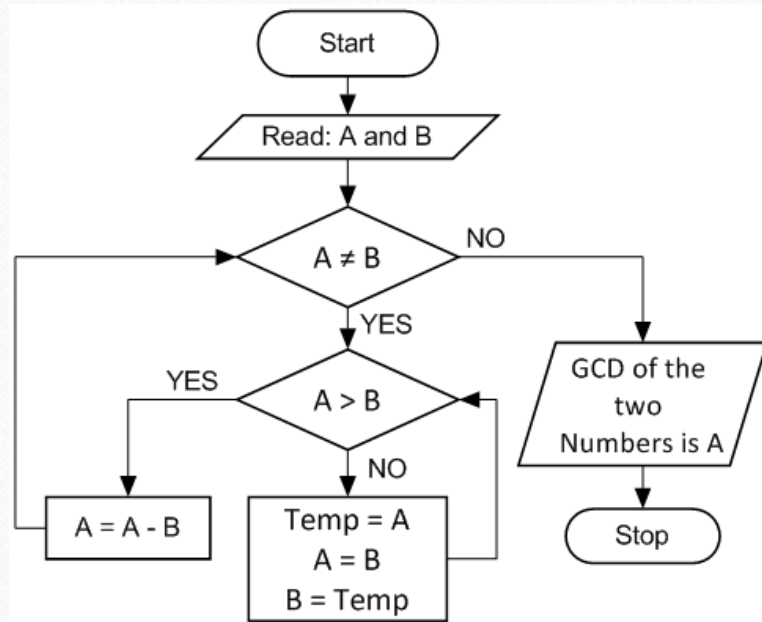
Algorithms

An algorithm is a self-contained step-by-step set of operations to be performed.



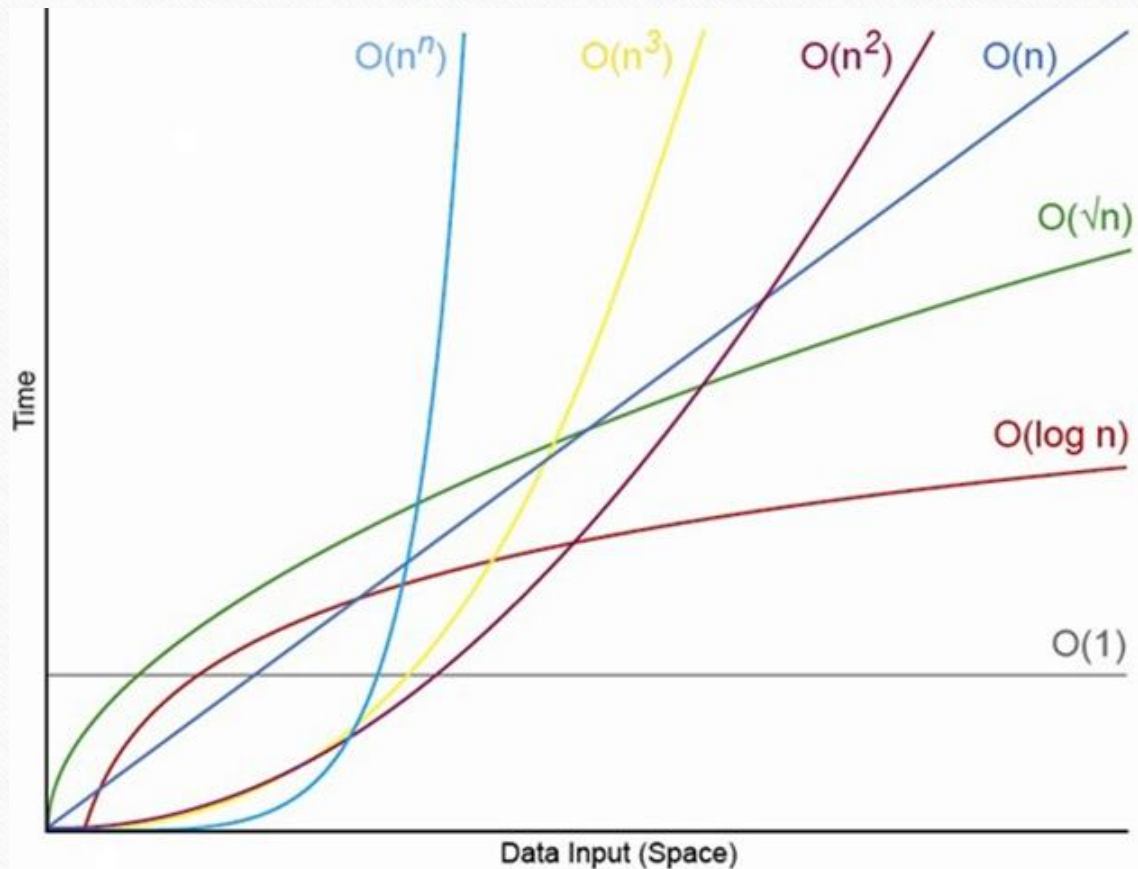
```
when Alarm Rings occurs
repeat 3
  Hit Snooze Button
  wait until Alarm Rings
Turn Off Alarm
Get Up
Shower
Get Dressed
Eat breakfast
if weather = sunny then
  Walk to School
else
  Ride to School with Parent
```

3 Ways of Finding GCD



3 Algorithms

Study of Algorithms



Big-O Notation

Asymptotic Behavior

Tractability

Resource Prediction

Resources

