Day:- Friday

Date:- 17-4-2020
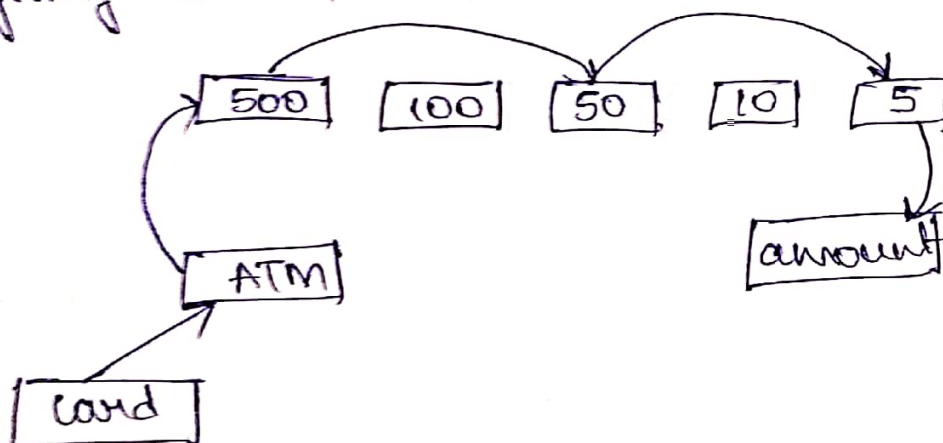
DP Assignment - 3

N.V.S.K. kalyani

17UN1A0584

3rd B.Tech CSE-C

1. Discuss how the requests gets passed along the chain of objects.

Ans   The pattern chains of responsibility chains that recei-ving objects together and then passes any request messages form objects to object until it reacher an object capable of handling the message.

2. Give the software examples for successors or chains that implements their pattern.

Ans * ATM use the chain of responsibility in the money giving mechanism

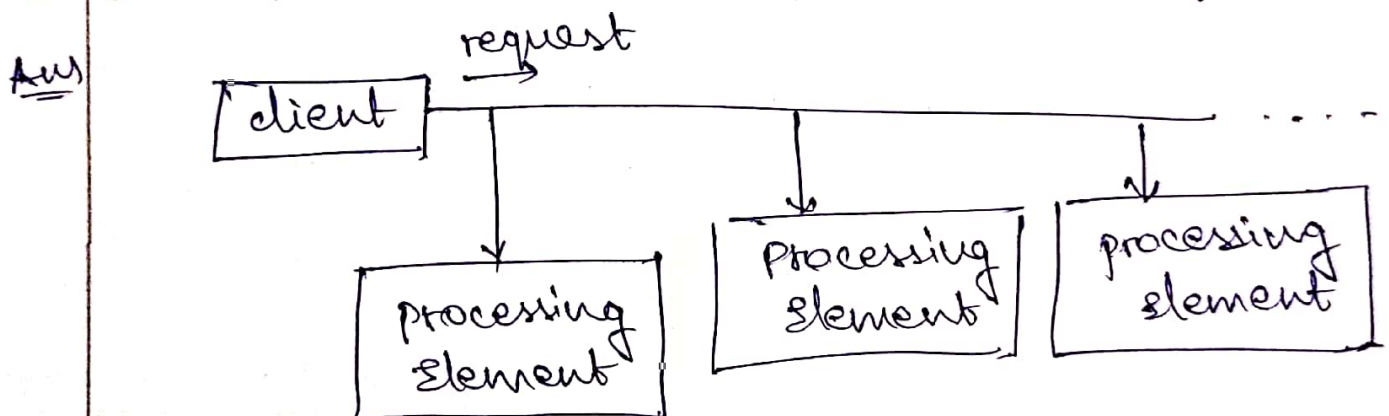Installing any software app from playstore uses chai of responsibility.

3. Define the differences between help handler and widget

Help Handler	widget
* Help handler declares the interfaces common for all concrete handlers	* widgets are basically self contained mini program that live and run on the phone home screen.

4. By taking process and resources define how this pattern works.

Ans Here the processes and resources are the request from the client the client is user or application. By taking the requests. The requests propogates along the chain until a concrete handler object takes responsibilities for handling it.

5. Draw structure for this pattern chain of responsibility

Ans

request

```
[client]───────┬──────────────┬──────────── · · · ·
               │              ↓              ↓
               ↓        ┌──────────┐   ┌──────────┐
         ┌──────────┐   │Processing│   │processing│
         │processing│   │ element  │   │ element  │
         │ Element  │   └──────────┘   └──────────┘
         └──────────┘
```

The requests goes on processing until a exact element handles the request.