JAY PRAKASH
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Date:- 10-JULY-2020
Course:- MATLAB Onramp

Sindhu. S
4AL18EC049
4th sem, 'A' Sec.

- Programming:-

+ Programming Constructs

```
x = 9                    ---> xSq = 3
xSqrt = Sqrt(x)
xSq = x^2
```

+ Decision Branching.

- The body of an if block is only executed if the condition is true

```
x = rand
if : x > 0.5  -> condition
    y = 3
end
```

+ if do plot

```
plot(density)
title("Sample Densities")
xticklabels(element)
ylabel("Density (g/cm^3)")
end
```

```
else
  disp("The density of " + element...
  + " is " + density).
end
for idx = 1:7
  hold on
  plot(idx, density(idx), "*")
  hold off
  pause(0.2)
end
```

Stellar Motion

```
→ lambdaEnd = lambdaStart +
        (nObs-1)* lambdaDelta
  lambda = (lambdaStart:lambda
        Delta: lambdaEnd)'
→ S = Spectra(:, 6)
→ loglog(lambda, S, ".-")
  xlabel("Wavelength")
  ylabel("Intensity")
→ [staA, idx] = min(S)
  lambdaHa = lambda(idx)
→ hold on
  loglog(lambdaHa, staA, "rs", "MarkerSize", 8)
  hold off
```

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Course:- NPTEL CISCO

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- Connect and Monetor IOT Devices.
  - The future of Network
    Networks are Now Connecting billions of Sensors.
  - Networks can also be characterized by their function and purpose
    1. PAN : Bluetooth
    2. LAN
    3. WLAN:
    4. Wireless : Wi-Fi, Cellular.
- Everthing Becomes Programmable
  - follow the flowchart.
  - flowcharts
  - System Software, Application software, and Computer languages
  - programming Variables
  - Basic program structures
  - Activity - programming language Concepts
  - Activity - Identify programming Terms