**Workshop Prerequisites:**

* Download Scratch
* Teacher Account - codingkatta - summer18 - appliedsolutions.in@gmail.com
* Test Student account for 16-20April batch - ck18test - test18

| Day 1 : Date: 16-April-2018 | | | | |
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| Topic & Lesson # | Concepts Covered | Lesson details | RESOURCES | ASSIGNMENTS for home or to be done on independent study day |
| Lesson 1  Introduction | 1. Introduction to what is algorithm and a program 2. Explore scratch work area, categories of blocks 3. Create my first scratch project using move and say blocks ( say 1, 2, 3 and then move, bouncing off the edges) 4. Learn repeat blocks   Blocks introduced :  Move, Turn, Repeat, wait, clear pen down, pen up, | **Warm up**  Discuss real life applications of computer programs  Introduce to algorithms eg : draw a smiley  **Activity/Teaching moments**  Watch videos  **Active questioning**  Why do we need to know computer programming?  How do you connect to real life applications?  What are different way to do programming?  **Independent work**   * Move the cat by 10, 50 and 100 steps, bounce of the edge * Make a square ( with and without repeat) * Use pen down to draw the square * Draw a hexagon * Draw a triangle | **Pre-lesson read/watch**   1. Scratch Introduction Video : https://vimeo.com/65583694 | 1. Draw all shapes till decagon! |
| **Actual Lesson learning :** | | | | |

Learning Resources :

https://vimeo.com/65583694

http://scratched.gse.harvard.edu/