DAILY ONLINE ACTIVITIES SUMMARY

Date:	12-06-2020	Name:	D Jasmine Joyline
Sem & Sec	VI Sem A	USN:	4AL17CS024

Online Test Summary			
Subject	-		
Max. Marks	30	Score	-

Certification Course Summary			
Course	ONLINE PYTHON MASTER CLASS		
Certificate Provider	eBOX	Duration	1.5hr

Coding Challenges			

Problem Statement:

1. Python program to print the pattern
2. Write a Python program to implement Magic Square

Status:Completed

Uploaded the report in Github	Yes
If yes Repository name	https://github.com/alvas-education-foundation/D_Jasmine_Joyline/tree/master/daily_progress
Uploaded the report in slack	Yes

Online Test Details:

Not conducted

Certification Course Details:

Online Python Master Class through Zoom-

Topics covered are:

- Exception Handling

Coding Challenges Details:

1. Python program to print the pattern
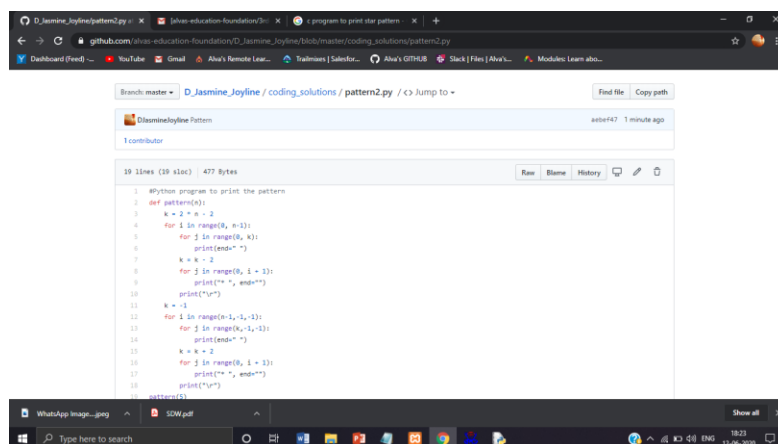
2 Write a Python program to implement Magic Square

A magic square of order n is an arrangement of n^2 numbers, usually distinct integers, in a square, such that the n numbers in all rows, all columns, and both diagonals sum to the same constant. A magic square contains the integers from 1 to n^2.

The constant sum in every row, column and diagonal is called the magic constant or magic sum, M. The magic constant of a normal magic square depends only on n and has the following value:
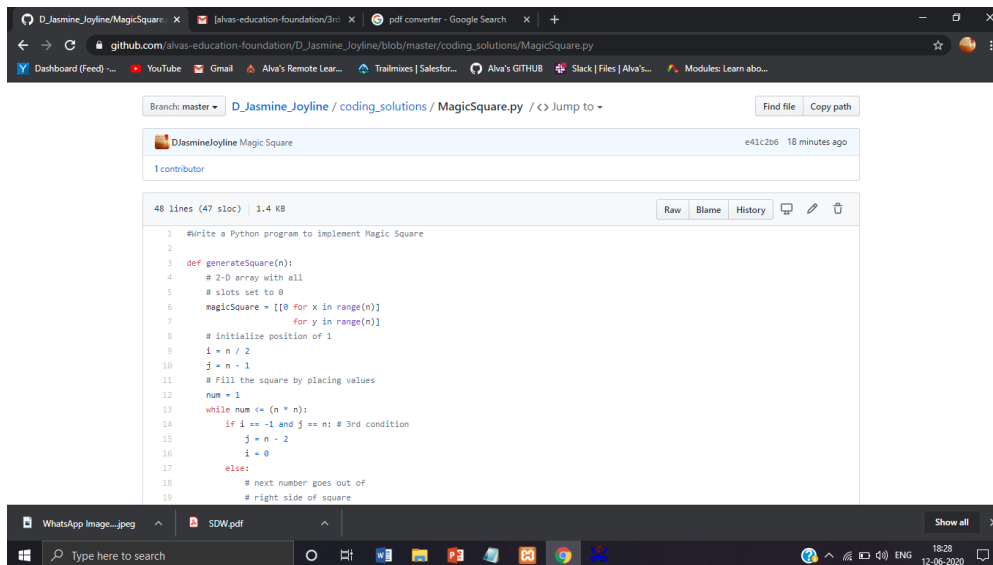M = n(n^2+1)/2
example
Magic Square of size 5

9 3 22 16 15
2 21 20 14 8
25 19 13 7 1
18 12 6 5 24
11 10 4 23 17
Sum in each row & each column = 5*(5^2+1)/2 = 65