

**S D public School, Pitampura**  
**Class – X (2023-24)**  
**Holiday homework – Artificial Intelligence**

All the following activities are part of the internal **assessment/practical**.  
For this student will be **assessed**.

**Complete the mentioned courses on <https://studio.code.org/> and upload your certificates on the below mentioned link**

<https://wakelet.com/i/invite?code=yhh8cder>

**Activity 1:** Complete the course mentioned on <https://studio.code.org/courses> and **upload your certificates** on the above-mentioned link.

**Couse link - <https://studio.code.org/join/SNJJQS>**

**Activity 2:** Write the **following python programs** in Jupyter notebook. After **coding execute** the program and take the screenshot of each bug /error free code with its **output**. **Get the print outs and submit in a strip file** in the mentioned order.

- 1. Program to check a person is eligible for voting or not.**
- 2. Program to check the year input by the user is a leap year or not.**
- 3. Program to check if a number is even or odd.**
- 4. Program to find the largest amongst the three given numbers.**
- 5. Program to check if the number entered is negative, zero or positive.**
- 6. Program to check if the number entered is multiple of 2 or 3 or 5.**