



Grade: 7A
Subject: Computer Science
Holiday Homework

1. Write a program in python to print the area of a triangle.
($A=0.5 * b * h$)
2. Draw a flow chart to check if a number is ODD or Even.
3. Open a spreadsheet application and enter the names of your family members. Ask your family members to enter the number of hours they spend watching video (on Mobile phone) per week. Calculate the average number of hours of video for the family.
4. Explore programming languages other than Python. Compare the print statement syntax of python with other programming languages.
5. Give the full form for the following:
 - a. RAM, b. ROM, c.CPU, d. HDD, e. SSD, f.BIOS, g. OS
6. Define the following:
 - a. bit: _____.
 - b. Byte: _____.
 - c. kilobyte: _____.
 - d. Megabyte: _____.
 - e. Gigabyte: _____.
7. Select all hardware parts in the following.

Pen drive	Cellphone
RAM	Scratch program
ROM	Printer
Tux Paint	Scanner
Internet browser	Webcam
Keyboard	Pendrive
Hard disk	QuickTime Player
PowerPoint	iPod
Impress	Speaker
DVD Drive	Microphone

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