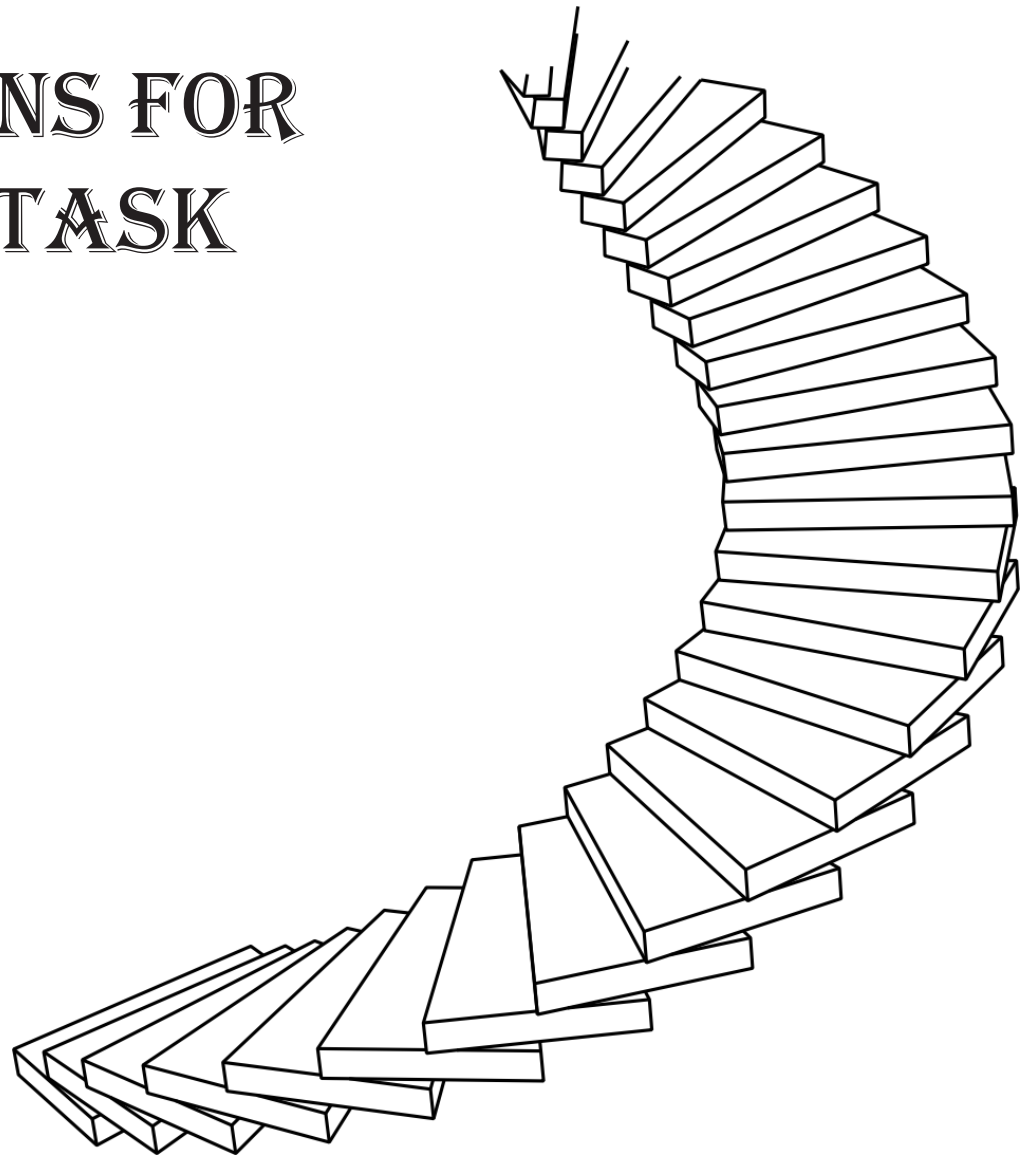


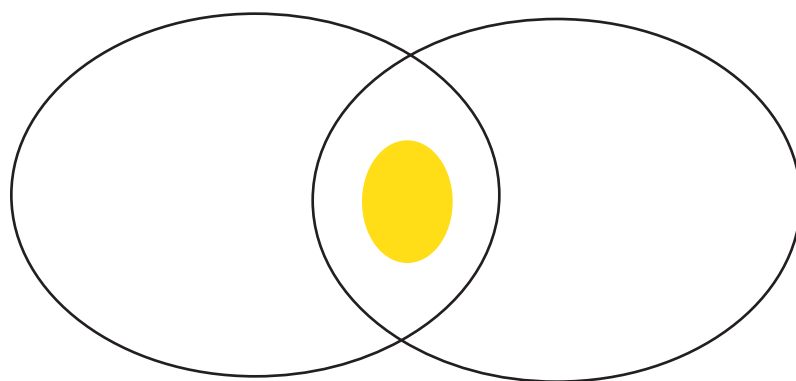
# ALGORITHMS:

SET OF INSTRUCTIONS FOR  
ACCOMPLISHING A TASK

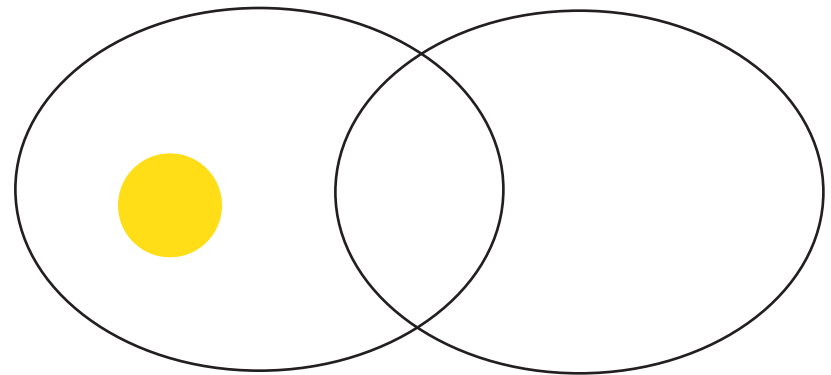


# BOOLEAN:

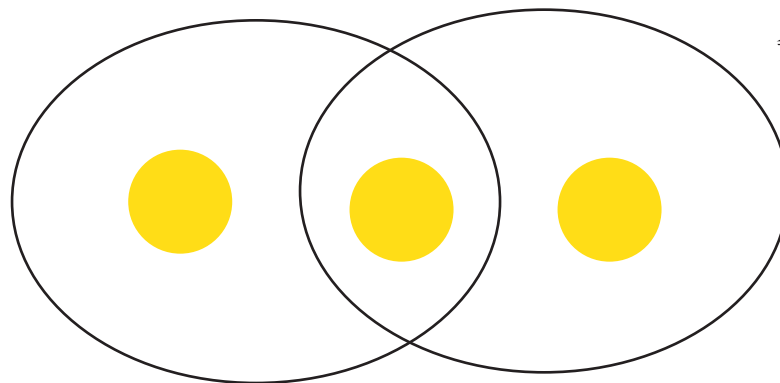
A TYPE IN MANY PROGRAMMING  
LANGUAGES THAT CAN EITHER  
HOLD A TRUE OR FALSE.



AND



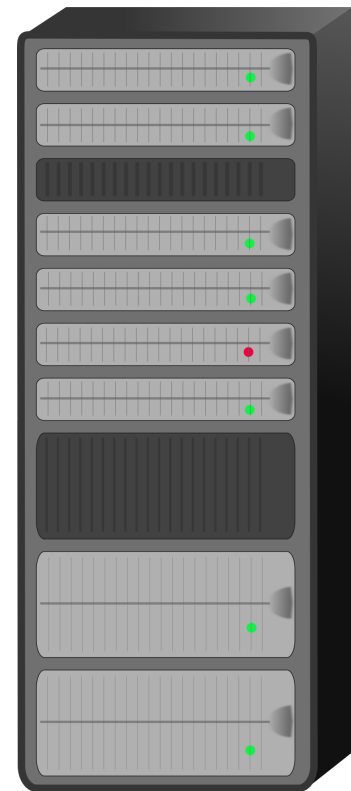
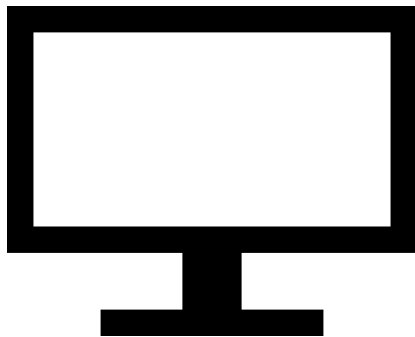
NOT



OR

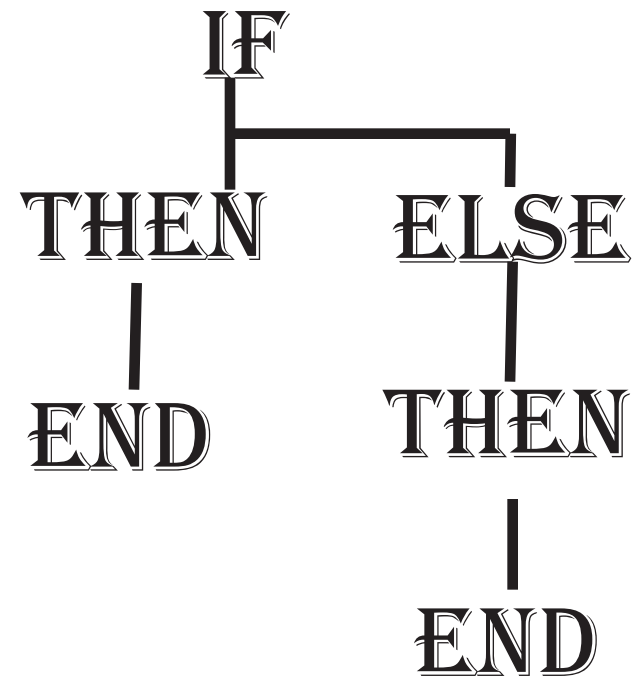
# COMPUTER:

A ELECTRONIC DEVICE FOR STORING AND PROCESSING INFORMATION BASED ON PROGRAMS STORED IN THE COMPUTER



# CONDITIONAL:

A CONTROL STRUCTURE  
SUCH AS IF STATEMENT  
OR CASE STATEMENT  
THAT CONDITIONALLY  
EXECUTES A BLOCK OF  
CODE





# HTML:

**HYPER-TEXT MARKUP LANGUAGE-  
LANGUAGE USED TO WRITE INTERNET BASED  
DOCUMENTS THAT CAN REFER TO EACH  
OTHER**



# INTEGER:

WHOLE NUMBER WITH NO FRACTIONAL PART

3

-1

5

2

8

-4

9

87

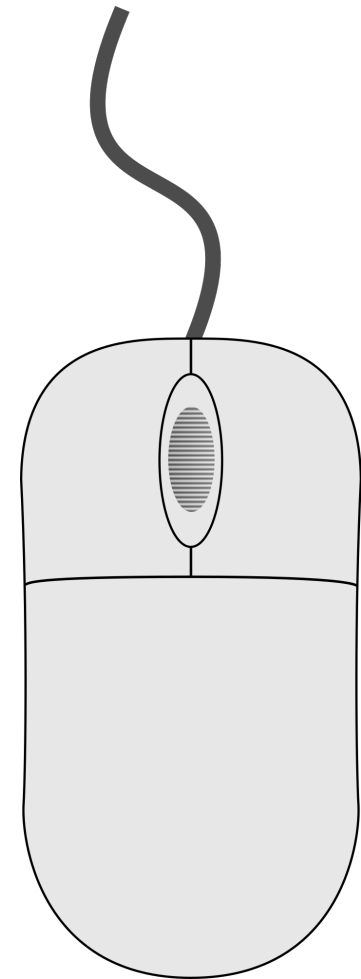
10

100



# INPUT:

WHAT THE USER PROVIDES  
THE COMPUTER



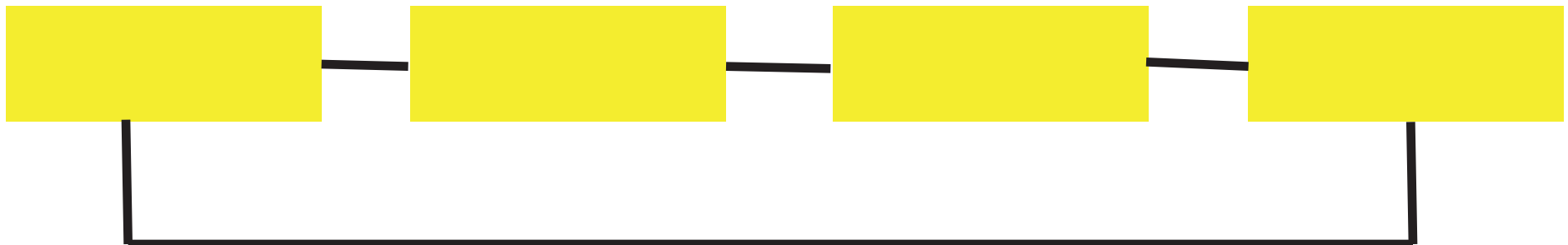
# OUTPUT:

DATA THE COMPUTER GIVES AFTER  
THE INPUT IS GIVEN BY THE USER



# LOOP:

A CONTROL STRUCTURE IN THE CODE  
THAT CAUSES REPEATED EXECUTION OF  
A SECTION OF CODE



# PORT:

A PHYSICAL SOCKET ON A COMPUTER  
ATTACHED TO EXTERNAL DEVICES SUCH  
AS A PRINTER OR ROUTER



# PROCEDURE:

A STANDALONE SEGMENT OF CODE WITH  
CLEAR SET OF INPUTS AND OUTPUTS  
THAT PERFORMS A SPECIFIC FUNCTION



# PROGRAMMING:

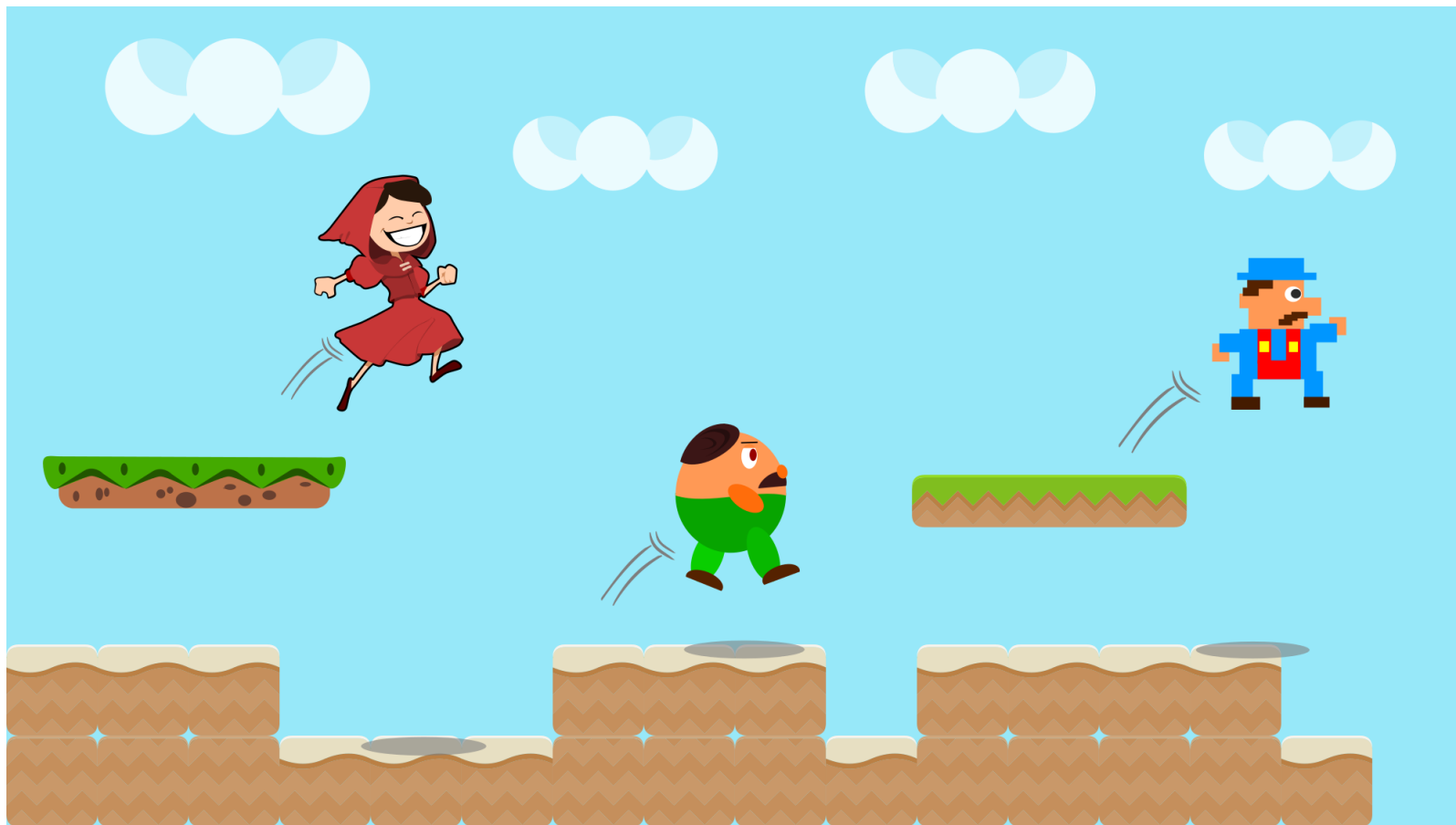
CONSTRUCTING A PROGRAM THAT INSTRUCTS  
THE COMPUTER HOW TO STORE RETRIEVE  
AND PROCESS DATA





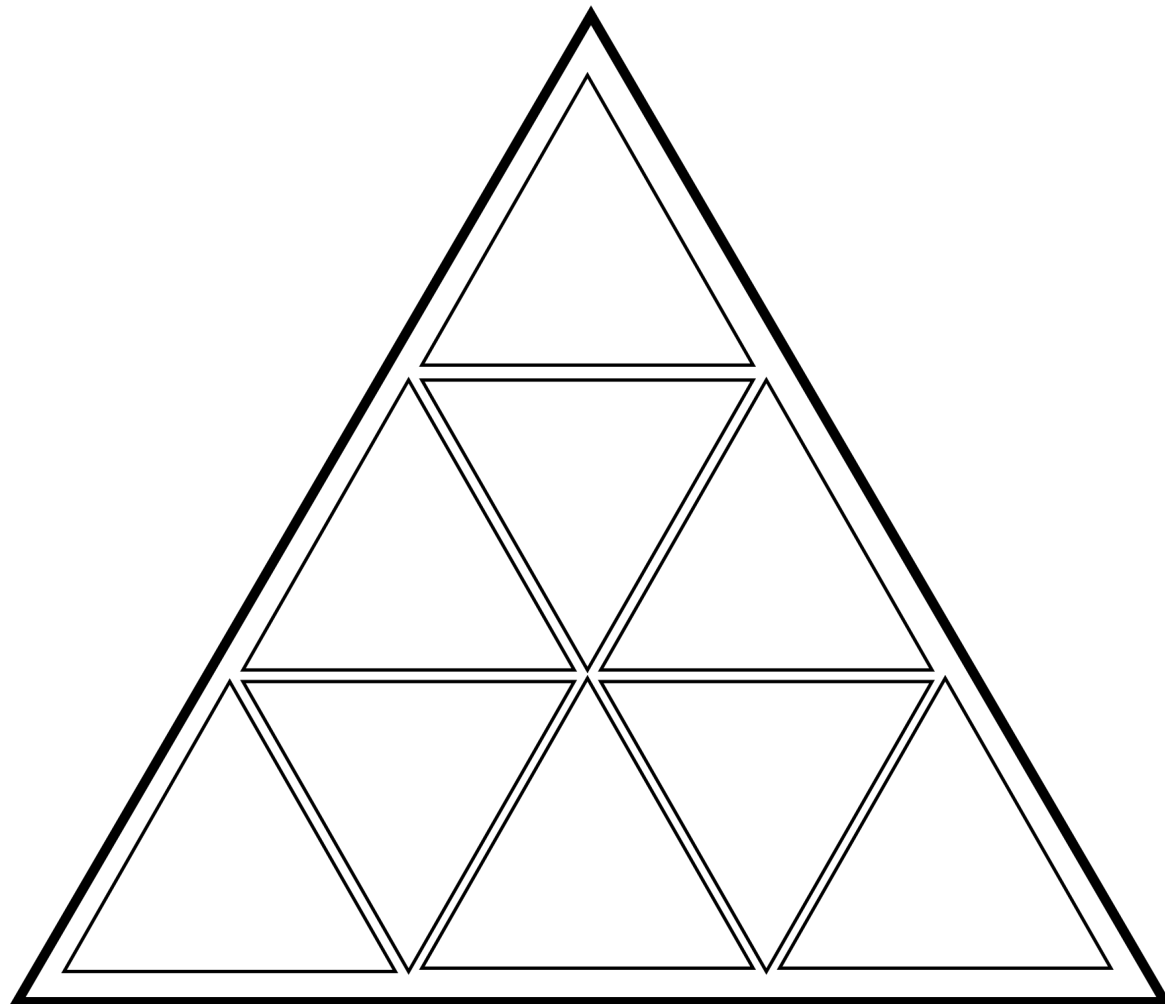
# PROGRAM:

## AN IMPLEMENTATION OF AN ALGORITHM



# RECURSION:

THE PROGRAMMING OR ALGORITHM TECHNIQUE  
OF INVOKING A PROCEDURE FROM WITHIN  
ITSELF



# STATEMENT:

A BASIC STATEMENT OR COMMAND IN PROGRAM OR THE BASIC UNIT OF GRAMMAR OF A PROGRAMMING LANGUAGE

Y=9

X=10

IF (Y>X){

    PRINT ("Y IS GREATER THAN X")}

ELSE{

    PRINT ("X IS GREATER THAN Y")}

# SYNTAX:

THE GRAMMAR FOR A LANGUAGE OR THE  
RULES TO DECIDE IF A STATEMENT IS IN THE  
LANGUAGE

PRINT ("HELLO")

# SYNTAX ERROR:

CREATING AN ILLEGAL PROGRAM IN THE  
LANGUAGE BY MAKING AN ERROR

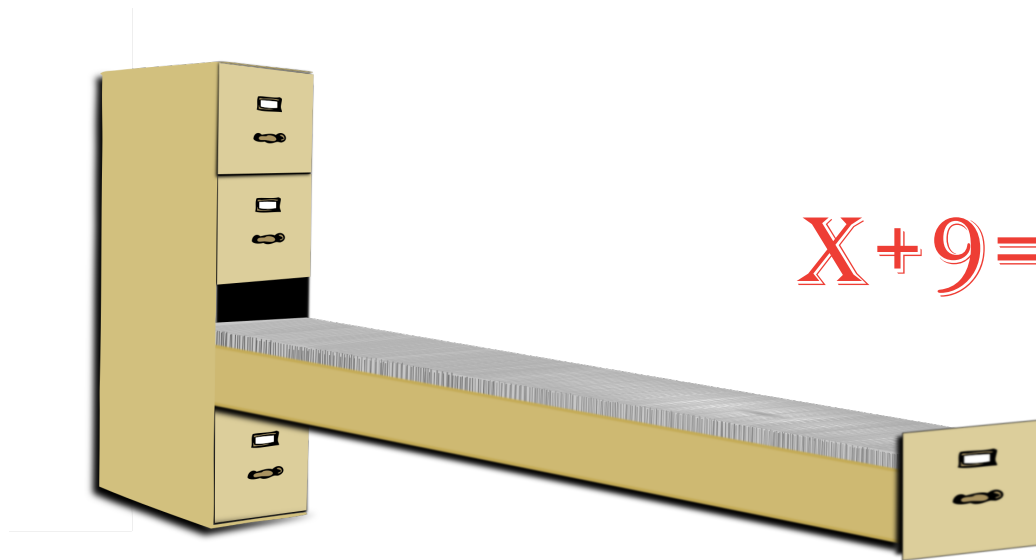
PRINT: (HELLO")..

# VARIABLE:

A PLACE IN A RUNNING PROGRAM WHERE DATA IS STORED.

$$X=9$$

$$X+1=10$$



$$X+9=18$$

$$X+100=109$$

# HARDWARE:

PHYSICAL COMPONENTS OF A COMPUTER OR  
RELATED EQUIPMENT



# SOFTWARE:

THE PROGRAMS AND OTHER OPERATING  
INFORMATION USED BY A COMPUTER





# BINARY:

THE BASE 2 NUMBER SYSTEM. INTEGER CAN BE ENCODING AS BINARY WHICH IS A STRING OF 0'S AND 1'S.

A= 00001	I= 01001	Q= 10001	Y= 11001
B= 00010	J= 01010	R= 10010	Z= 11010
C= 00011	K= 01011	S= 10011	
D= 00100	L= 01100	T= 10100	
E= 00101	M= 01101	U= 10101	
F= 00110	N= 01110	V= 10110	
G= 00111	O= 01111	W= 10111	
H= 01000	P= 10000	X= 11000	



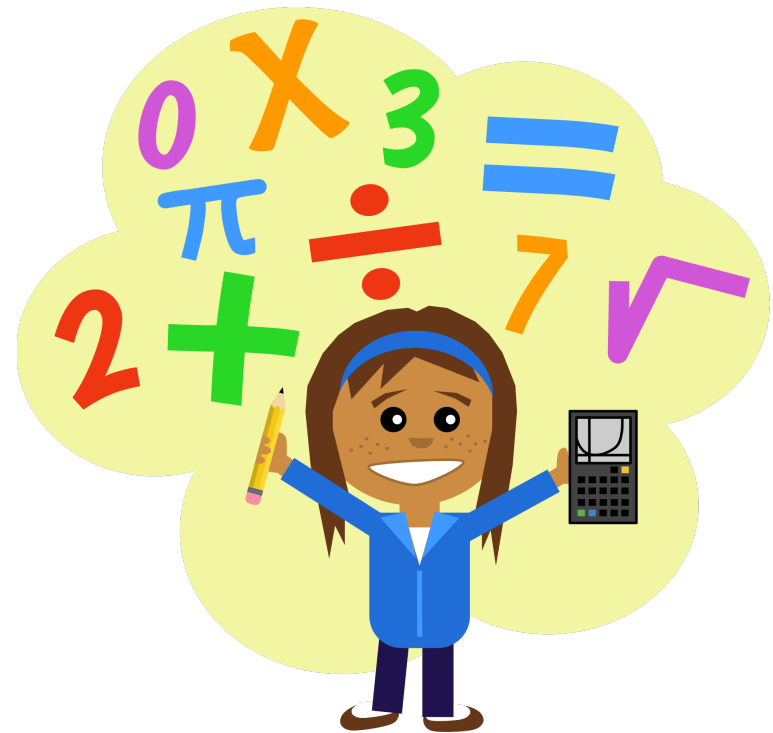
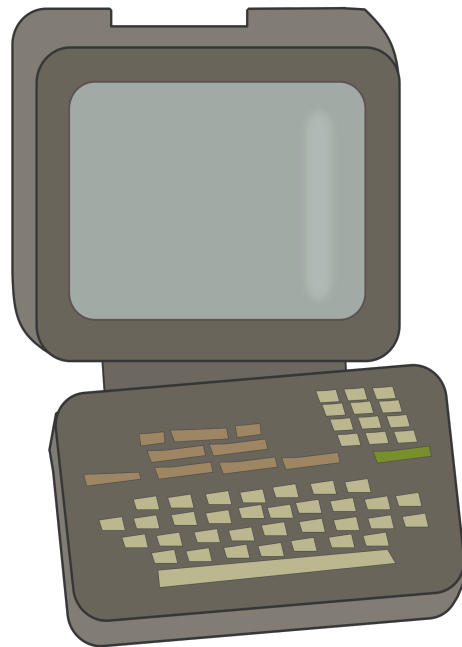
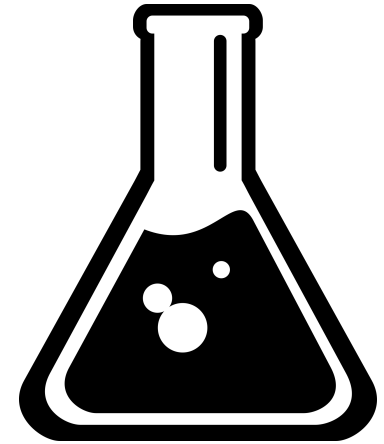
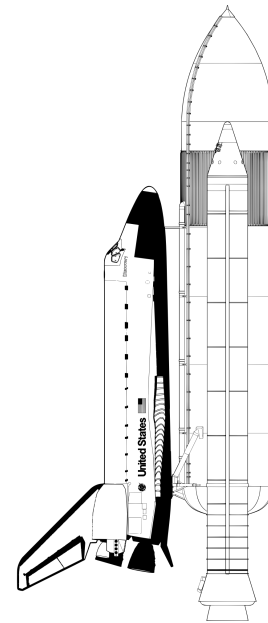
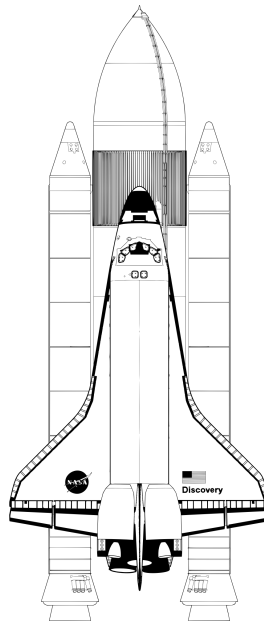
# STEM:

SCIENCE

TECHNOLOGY

ENGINEERING

MATHEMATICS



# INTERNET:

A NETWORK OF COMPUTERS, ROUTERS, AND OTHER NETWORKS INTERCONNECTED WITH A SPECIFIC NETWORK COMMUNICATION PROTOCOL

