

Data Types

—>Primitive Data Types-

>predefine

int(objects) ->4 byte->2,147,483,648
to 2,147,483,647 ->**Integer(Wrapper
classes)**

float->4byte it can store utp 7
digts decimal number ->**Float**

double->8byte->it can store upto
15 digits decimal value ->**Double**

char-2byte c ->**Character**

long -8byte-

>-9,223,372,036,854,775,808 to
9,223,372,036,854,775,807 ->**Long**

boolean->>true/false->**Boolean**

=short ->2byte

->(-32.769,32767) ->**Short**

byte -> 1byte-> (-128 to 127)

->**Byte**

Non Primitive -> Array, String

{1,2,3,4,5,6,7,8,9,10}

String -> Group of Characters ->

"YASH", "RAM KUMAR"

CONDITIONAL STATEMENTS -

-> if statement -> single condition

-> if-else -> two condition

-> Ladder - if-else

OPERATORS ->

Arithmetic Operators -> +, -, /, *, %

Relational (Comparison

Operators) -> >, <, <=, >=, != (not equals)

==(equality operator)

Logical Operators -> and(&&)
(both conditions will be true,
then it returns true, otherwise
false) , or (|)(at least one
condition must be true),not(!)-
>(true->>false,False->>true)

Ternary Operator

Bitwise

Unary

Assignment

Q->We have 3 sides of
triangle(a,b,c).

->Check whether triangle is
equilateral,isosceles or scalene.

->Check whether triangle is valid
or not

