Assignment 1

Output of following program:-

Question 1 :-

1 . console.log(1+ "2" + "2");

Ans - "122"

Because second and third number is in double quotes so these numbers consider as string
Hence output is 122

Question 2 :-

console.log(1 + +"2" + "2");

Ans - "32"

+ or – operand in front of a string converts string into number. so here +"2" will become 2
hence the result will be 32.

Question 3 :-

console.log(1 + -"1" + "2");

Ans - 2

+ or – operand in front of a string converts string into number. so here -"1" will become -1
hence

=1 + -"1" + "2"

=1+ - 1 + 2

=1- 1 + 2

= "02"

So the result will be 02.

Question 4 :-

console.log(+"1"+ "1" + "2");

Ans - "112"

+ or – operand in front of a string converts string into number. so here +"1" will become 1
hence the result will be 112.

Question 5 :-

console.log("A" - "B" + "2");

Ans - "NaN2"

Addition of letters or characters will give us NaN result and 2 is consider as string "2"
Hence the result is NaN2

Question 6 :-

console.log("A" - "B" + 2);

Ans - NaN

Addition of letters or characters will give us NaN result and 2 is consider as number so addition
of two different data types will give us NaN result hence the result will be NaN