1. What will be output for below codes and give reason for output.
2. 1 + “2” + “2” 🡺 Output is “122” because second and third parameters are string and + is the operation that can be applied on string.
3. 1+2+3 +”4” 🡺 Output is “64”, because first 3 parameters are numbers so they have been added together, but the “4” is a string so it got concatenated with the addition.
4. “4” + true 🡺 Output is “4True” because “4” is a string and true means 1 but as + operation can be done on string so it got concatenated with “4”

1. “True” + true 🡺 Output is “Truetrue” because + operation can be done on string.
2. 1 + true 🡺 Output is 2 as true is a boolean value which means 1 so 1 + 1 = 2
3. 2 + false 🡺 Output is 2 as false is a boolean value which means 0 so 2 + 0 = 2
4. "4" \* true 🡺 Output is 4 because “4” is convertible in numeric value so 4 \* 1 = 4
5. 4 \* “Af” 🡺 Output is NaN because we can’t multiply number with string
6. "4" \* "A" 🡺 Output is NaN because we can’t multiply number with string; parser tried to convert “4” into 4 but can’t multiply number with string.

1. “4”\*”4” 🡺 Output is 16 as parser converted both the string into number and multiplied.

1. 4 + "4A" +10 🡺 Output is “44A10” because 4A cannot be converted into numbers so it converted other numbers into string and concatenated.
2. 4 + "4" \* 10 🡺 Output is 44 as it converted “4” into 4.
3. 4 + "4A" \* 10 🡺 Output is “NaN” as we can’t multiply number with string.
4. 4 + "true" \* 10 🡺 Output is 14 as true = 1, so the equation returned 14
5. true \*80 🡺 Output is 80 as true = 1, so 80\*1 = 80
6. 1 +2+ 3+ "ad" 🡺 Output is “6ad” because the first 3 numbers has been added and concatenated with the string.
7. "1" +2+ 3 🡺 Output is “123” as + operation can be done on string.
8. "1" \*2+ 3+8\*"true" 🡺 Output is NaN as we cannot multiply number with string.
9. true\*0 + "false" 🡺 Output is “0false” as true means 1, 1\*0 = 0 and it concatenated it with the string.
10. 1 \*2+ 3+8+"true" 🡺 Output is “13true” because the + and \* operations has been performed on numbers and it concatenated the output with string.
11. 1 \*null + true+10 + "10" 🡺 Output is “1110” as 1\*null is 1 and true =1 so the \* and + operations has been performed and concatenated with string.