**Code Byte Challenges JavaScript**

**Challenge 1//Find the longest word in sentence 19 April 2018**

1. function LongestWord(sen) {
2. var str = sen.split(" ");
3. var longest = 0;
4. var word = null;
5. for(var i=0;i<str.length;i++){
6. if(longest<str[i].length){
7. longest = str[i].length;
8. word = str[i];
9. }
10. }
11. sen = word;
12. // code goes here
13. return sen;
15. }
17. // keep this function call here
18. LongestWord(readline());

**Challenge 2// factorial of a number 19 April2018**

1. function FirstFactorial(num) {
2. //var number = num;
3. if(num<0)
4. return "Undefined";
5. var fact=1;
6. for(var i=num;i>1;i--)
7. fact\*=i;
8. num = fact;
9. return num;
11. }
13. // keep this function call here
14. FirstFactorial(readline());