

1. Write a program to print the following number pyramid pattern. (score 2)

```
1
2 1
3 2 1
4 3 2 1
5 4 3 2 1
```

2. Write a JavaScript program to convert a string into camel case. (score 3)

Examples:-

“bridgeon solutions” → “bridgeonSolutions”

“How Are You?” → “howAreYou?”

“HELLO WORLD” → “helloWorld”

3. Write a function that finds the longest word in a given string. (score 3)

Example: Input: "The quick brown fox jumped over the lazy dog"

Output: "jumped"

4. Write a function that checks if a given string is a palindrome

(score 2)

Example: Input: "madam" Output: true

Input: "hello" Output: false