**COM301**

**HOMEWORK 1**

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**- Reading contents from referenced links.**

**• What happens when an assignment is performed without using let keyword in strict mode?**

**Answer-**  an error is detected as it is not recognized as declared or initialized.

**• List 5 reserved keywords in JavaScript.**

**Answer-**

continue

let

export

break

function

**• How is a computer program similar/ different then an algorithm.**

**A**nswer- An algorithm is just the step-by-step solution/instruction to solve a problem **while** a program is an algorithm written in a programming language for the computer to solve a problem or provide a service.

**• Write at least two algorithms you perform on your daily life, with at least one algorithm that can be converted to computer program.**

**An**swer: Brush my Teeth Start Class

Pick my toothbrush Turn on my computer

Run the tap & rinse my brush input my password

Pick the toothpaste Start teams app

Open the cap of the toothpaste click on CS301 team

Push some paste onto the brush click on join meeting

Open mouth

Brush teeth in circular motion

Brush Tongue thoroughly

Spit out the toothpaste

Rinse the toothbrush

Rinse your outer lips

Return toothpaste & toothbrush

b) check out customer purchase:

Print hello

start total at 0

scan product and add price to total

enter finish when cart is empty

print total

accept payment

print receipt

Print thank you

End