

Week 2

Variables, Constants, Flow charts

1. Write algorithm to find value of algebraic expression $(a*b)+c$ and map each statement to which part of computer that performs it.
2. In the expression $(a*b)+c$ pick out the variables and constants.
3. Rewrite same algorithm as Question 1, but with a statement to create variables to a and b.
4. In the given algorithm to compute the area and perimeter of a square, identify the variables and constants.

Program to find area and perimeter of a square :

1. Get the length of side of square and store it in variable 'a'
2. $area = a*a$
3. $perimeter = 4*a$
4. print Area, Perimeter

Homework

1. Watch these videos and write down your thoughts
 - <https://www.khanacademy.org/computing/computer-science/how-computers-work2/v/khan-academy-and-codeorg-introducing-how-computers-work>
 - <https://www.khanacademy.org/computing/computer-science/how-computers-work2/v/khan-academy-and-codeorg-what-makes-a-computer-a-computer>
2. Find out the names of some programming languages