Functions and conditional statements - practice exercise

Questions on functions

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Question 1

- Define a simple function named myFirst that prints the word "Hello" on the console
    - First define the function
    - Then call the function

Question 2

- Define a function called mySecond that takes a parameter and prints the parameter on console
    - Feel free to give any value as a parameter in your function

Question 3

- Define a function called myThird that takes a parameter and prints the parameter on the console. But, it uses mySecond function to print the parameter on the console

Question 4

- Write a function named myFourth that takes an array as a parameter and prints only the first value of the array on the console.

Question 5

- Write a function named myFifth that takes an array with two numbers in it as a parameter and prints the sum of the two numbers on console

Questions on functions from edabit (https://edabit.com)

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It is very important that you do a lot of questions to advance your coding skills. Only practice makes you perfect. You can use online sources like https://edabit.com/ and solve as many problems as possible starting from an easy level. Note: when you practice questions from edabit, we advise you to copy the questions, paste them on your VSC and solve them there. This makes your life easier as opposed to doing the exercises on edabit's platform. Below, we have selected questions from edabit.com and included their URL link for your reference.

Question 6

- Write a function that takes an integer minutes and converts it to seconds.
    - https://edabit.com/challenge/8q54MKnRrm89pSLmW

Question 7

- Create a function that takes a number as a parameter, increments the number by +1 and returns the result.
    - https://edabit.com/challenge/NAQhEoxbofPidLxm9

Question 8

- Write a function that takes the base and height of a triangle and returns its area.
    - https://edabit.com/challenge/3CaszbdZYGN4otQD8

Question 9

- Create a function that returns the total number of legs of all the animals. In this challenge, a farmer is asking you to tell him how many legs can be counted among all his animals. The farmer breeds three species (chickens = 2 legs, cows =, 4 legs, pigs = 4 legs). **Remember**: the farmer wants to know the total number of legs and not the total number of animals.
    - https://edabit.com/challenge/8Qg78sf5SNDEANKti

Question 10 (not from edabit.com)

- Create a function that takes an array containing only TWO numbers as a parameter and returns a value that is 3 times the first element of the array.

Questions on Conditional statements and - practice exercise

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Question 11

- Create a function that returns true when num1 is equal to num2; otherwise return false.
    - https://edabit.com/challenge/QSnaSH5S3oxZkwcNc

Question 12

- Create a function that takes an integer and returns true if it's divisible by 100, otherwise return false.
    - https://edabit.com/challenge/qMr6wYGr6NaXAPQGF

Question 13

- Create a function that takes a number as an argument and returns "even" for even numbers and "odd" for odd numbers.
    - https://edabit.com/challenge/kuzB5CMXiKDEYKXAP

Question 14

- Create a function that returns
    - "Invalid score" if score is above 100 or score is a negative number
    - "Grade A" when score is between 90 and 100 (both 90 and 100 included)
    - "Grade B" when score is between 80 and 89 (both 80 and 89 included)
    - "Grade C" for any score below 79

Hint on how to organize your folders and files

- Create a folder called "**Functions and conditions**" in your Evangadi folder
- Inside your "**Functions and conditions**" folder, create an html file called "**index.html**".
- Inside your "**Functions and conditions**" folder, create a folder called "**JS**". Inside of your "**JS**" folder, create a file called "**script.js**"
- Link your "**script.js**" file in your HTML.
- Before you start writing your code, always test if your JavaScript file is linked correctly to your HTML. To test if your JS file is loaded correctly, type the following code and see if you get this alert message on your browser;
    - alert("your JS file is connected!!");
- To check the result of each code you write in the console, you will need to open your "**index.html**" file in browser, right click the page and select "**inspect**" and select "**console**"
- As specified in the questions, for questions from edabit, make sure to just copy the questions and work on your VSC rather than solving them on edabit.
- Now start working on your assignment. Happy coding!