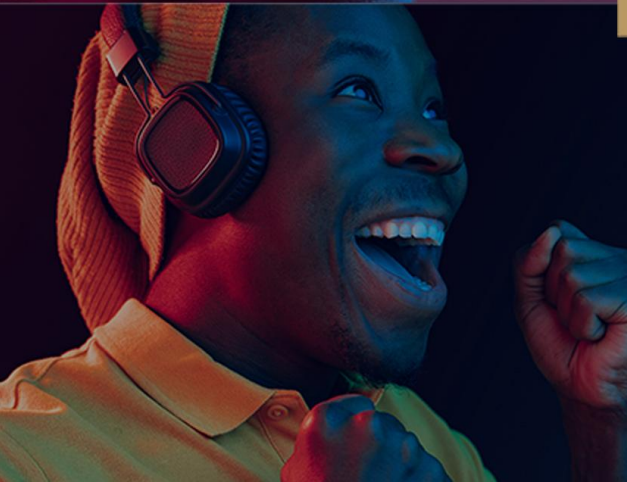# START
YOUR TECH JOURNEY
WITH ADA

JavaScript Session 1 - Student Task

Academy of Digital Arts Egypt - JS Session 1 Task

Objective:

By completing this task, you will:

➢ Practice JavaScript basic syntax with console.log and comments

➢ Master variable declarations using let and const

➢ Work with all JavaScript data types: string, number, boolean, null, undefined, object, array

➢ Apply type conversion and typeof operator in practical scenarios

➢ Build a complete personal information program using JavaScript fundamentals

JavaScript Session 1 - Student Task

Academy of Digital Arts Egypt - JS Session 1 Task

Step 1 – Create Personal Information Variables

➢ fullName (string with your name)
➢ age (number with your age)
➢ isStudent (boolean - true or false)
➢ favoriteColor (string)
➢ graduationYear (number or null if not applicable)
➢ hobbies (array with at least 3 hobbies)

JavaScript Session 1 - Student Task

Academy of Digital Arts Egypt - JS Session 1 Task

Step 2 – Create Student Profile Object

➤ Create an object called "studentProfile" with properties:

➤ name, major, gpa, university, isEnrolled

➤ Add at least one nested object (like contact information)

JavaScript Session 1 - Student Task

Academy of Digital Arts Egypt - JS Session 1 Task

Step 3 – Practice Type Conversion and Checking

➢ Convert your age to string using String()

➢ Convert a string number to actual number using Number()

➢ Use typeof operator on all your variables

➢ Create boolean conversions from different values

JavaScript Session 1 - Student Task

Academy of Digital Arts Egypt - JS Session 1 Task

Step 4 – Display All Information

➤ Use console.log to display all variables with descriptive messages
➤ Add comments explaining what each section does
➤ Show the results of type conversions and typeof operations

JavaScript Session 1 - Student Task

Academy of Digital Arts Egypt - JS Session 1 Task

Requirements

Tools:

➢ Text editor (VS Code recommended)

➢ Node.js installed for running JavaScript

➢ Web browser with developer console (alternative)

JavaScript Session 1 - Student Task

Academy of Digital Arts Egypt - JS Session 1 Task

Reminder

➢ Use let for variables that will change, const for constants

➢ Always add comments to explain your code

➢ Test your program by running it with Node.js or in browser console

➢ Make sure to use all data types covered in class

➢ Practice proper variable naming conventions (camelCase)

THANK YOU

ADAEGY