**Task 1: Variable Declaration:**

var age=22;

var isStudent=true;

let favoriteColors =["Green", "Red", "Blue","Purple"];

**Task 2: Variable Types**

var text="ARK-X"+' Academy';

console.log(text);

**Task 3: Concatenation**

var age=22;

var isStudent=true;

var name="Mohammed";

result="I am "+name+",I'm" +age+" yo and I am a Student";

console.log(result);

**Task 5: Logical Operators**

var fovoriteColor = "Green";

var favoriteAnimal= "Dog";

var color2 = window.prompt('what is your favorite color');

var animal2 = window.prompt('what is your favorite animal');

if(fovoriteColor==color2 && favoriteAnimal==animal2){

alert("It's a match");}

else alert("It's not a match")

**Task 6: Comparison Operators**

var num = Number(window.prompt('Enter a numbre :'));

if(num>0){alert(num +" is positive")};

if(num==0){alert(num +" is zero")};

if(num<0){alert(num +" is negative")};

**Task 8: Truthy & Falsy Values**

var text =window.prompt('Enter a text');

if(text){

    alert("the text truthy ")

}

else {

    alert("The text is falsy ")

}