JAVASCRIPT ASSIGNMENT 1 SOLUTION

QUES NO 1:-

Let marks = 40

let grade ;

if(marks>=90){

console.log("your grade is A")

}else if (marks >=70&& marks<+90){

console.log("your grade is B")

}else if ( marks>=50 && marks <70){

console.log("your grade is C")

}else {

console.log("your grade is F")

}

OUTPUT :- your grade is F

Ques 2 :-

**let num1 = 10;**

let num2 = 25;

for (let i = num1; i <= num2; i++){

console.log(i);

}

QUES NO 3

Let number = 0;

number>0

? console.log("Positive")

: number<0

?console.log("Negative")

:console.log("zero")

Output :- zero

Ques no 4 :-

Comma operator allows us to evaluate multiple expressions in a single statement like declaring multiple variables in a single statement separating them with the comma operator.

const a = 10, b = 20, c = 30;

console.log(a, b, c);

Ques no 5

let username = "admin";

let password = "12345";

if(username==="admin" && password==="12345"){

console.log("login Successful");

}else{

console.log("Invalid credentials");

}

//output login Successful

let password = "12345";

if(username==="admin" && password==="12345"){

console.log("login Successful");

}else{

console.log("Invalid credentials");

}

//output login Successful

Ques no 6

let paymentMethod = "credit"; //replace with the desired payment method

switch(paymentMethod){

case "credit" :

console.log("Processing fee for credit payment : 2%");

break;

case "debit" :

console.log("Processing fee for debit payment : 1.5%");

break;

case "paypal" :

console.log("Processing fee for PayPal :3%");

break;

default:

console.log("Invalid payment method");

}

Ques no 7

let currentTemperature=28; //replace with the current temperature

let weatherCondition= currentTemperature>30 ? "HOT" : "moderate" ;

console.log|('current weather conditon: ${weatherConditon}');

Ques no 8

let targetNumber=8; //Replace with the desired positive number

let sum =0;

let currentNumber =1;

do {

sum +=currentNumber;

currentNumber++;

}while(currentNumber <=targetNumber);

console.log('sum of numbers from 1 to ${targetNumber}:${sum}');