WEB322 Test 6

# Instructions: Complete all questions in the spaces provided. This quiz is worth 10% of your final mark and you will have exactly 20 minutes to complete it.

# Question 1 (10 Marks):

Given following code in a ***Node.js*** project, complete the following coding tasks using ***bcrypt.js*** in:

const express = require("express");

... ...

const bcrypt = require('bcryptjs');

var **myPassword** = "Password123!";

// a hashed text generated by using bcrypt.js

var **aHash** = "$2a$10$SrzgJvLR.W4xY2x8m2q4YuZxnALHQs0TfVns/bnGFRG56AQJ5e7ri";

1. Encrypt the plain text (held by) **myPassword**. Show error message and encrypted (hash) text using console log. [5 marks]

bcrypt.hash("myPassword123!", 10).then(hash=>{

console.log(hash);

})

.catch(err=>{

console.log(err);

});

1. Check if the "hash" text **aHash** matches the plain password **myPassword**. Show checked result using console log. [5 marks]

bcrypt.compare(myPassword, aHash).then((res) =>{

if(res === true){

console.log(“Your password is: “ + myPassword);

} else {

console.log(“Invalid Password”);

}

})