

## Web Based Technologies –HW#1

### About the Assignment

Implement a credit card verification as a WEB application using ASP.NET. You will get the following information from the user:

- The user's choice of credit card type to be specified using a **drop-down list**.
- Card number, as a **text box**.

#### Verify Your Card Here:

Select Credit Card:  Enter Number:

Write an ASP.NET function that checks the validity of a credit card specified by the supplied parameters containing the card number and card type. The function returns *true* or *false*, depending on whether the credit card name / number combination is found to be valid. If it is not valid, a numeric code is loaded into a global variable, which may be used to index into a global array of error messages as follows.

1. "Unknown card type",
2. "No card number provided",
3. "Credit card number is in invalid format",
4. "Credit card number is invalid",
5. "Credit card number has an inappropriate number of digits" etc.

**Hint:** For more information about Credit Card Number visit:  
<https://baymard.com/checkout-usability/credit-card-patterns>

In an example;




For MasterCard, the card number must consist of 16 digits and first 6 digits are between 222100-272099 or first 2 digits are between 51-55.

You can use only if condition to check validation of card number.

Your homework will be graded based on your design.

Only send asp.net files like below. Send with shortest name and **Zip** format.

### Example; Name-Surname-HW1.Zip

 Default.aspx	2019-02-19 15:46	ASP.NET Server Pa	1 KB
 Default.aspx.cs	2019-02-20 11:16	CS File	2 KB
 Default.aspx.designer.cs	2019-02-19 15:43	CS File	3 KB