

# **Tilak Maharashtra Vidyapeeth**

## **Internal Assignments**

Course: BCA 2<sup>nd</sup> year 4<sup>th</sup> semester  
Subject: Visual Basic  
Code: 44415  
Marks: 60 Marks

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### **Assignment No 1.**

**20 marks**

1. Design a form with 3 checkboxes to change the font style. E.g. bold, italics, underline
2. Design a form for color mixer using scroll bars. 3 Scroll bars for Red, Green, Blue color
3. Change the background color of the form which is selected from the list box.
4. Accept user id & password from the user and check it against the hard coded values. show Sorry message if user unable to login

### **Assignment No 2.**

**20 marks**

1. Write a program to show factorial of the number.
2. Take a ball & move it randomly & stop it when user clicks the stop button.
3. Using while print 1<sup>st</sup> twenty even numbers.
4. Display the number of days in a month entered by user. (Use select statement.)  
e.g. if user enters January display 31 days.

### **Assignment No 3.**

**20 marks**

1. Using select statement within user defined function calculates addition, subtraction, multiplication.
2. Design a form to demonstrate different dialog boxes.
3. Design a form to demonstrate database connectivity. (Design a form for storing student's personal information for add, delete, update the record. )
4. Design a form to add the item in the list box entered through textbox.