**Steps to create custom web part property**

In this exercise we will add a drop down of colors in property pane and get its value in web part.

**Step 1:**Edit **WebPartPropertiesWebPart.ts** webpart file and do following changes.

**1.** Import property pane helper method to create dropdown on the property pane.

import {

  IPropertyPaneConfiguration,

  PropertyPaneTextField,

  PropertyPaneDropdown

} from '@microsoft/sp-property-pane';

**2.** Define property color in interface **IWebPartPropertiesWebPartProps** as string

export interface IWebPartPropertiesWebPartProps {

  description: string;

  color: string;

}

**3.** Update **render()** method add color property in **WebPartProperties** class

WebPartProperties,

      {

        description: this.properties.description,

        color: this.properties.color

      }

**4.** Update **getPropertyPaneConfiguration()** and add new drop down control in property pane with name color.

 groups: [

            {

              groupName: strings.BasicGroupName,

              groupFields: [

                PropertyPaneTextField('description', {

                  label: strings.DescriptionFieldLabel

                }),

                PropertyPaneDropdown('color',{

                  label: 'Dropdown',

                  options:[

  {key:'Red',text:'Red'},

                    {key:'Blue',text:'Blue'},

                    {key:'Green',text:'Green'}

                  ]

                })

              ]

            }

**Step 2:** Update React component.Edit file **IWebPartPropertiesProps.ts** inside **components** folder and update interface **IWebPartPropertiesProps**

export interface IWebPartPropertiesProps {

  description: string;

  color:string;

}

**Step 3:** Update React component for webpart. Edit file **WebPartProperties.tsx**. Inside **render()** method update 2 things. Add a constant for color property.

 const {

      description,

      color

    } = this.props;

Inside return add html to display selected color.

 <div>Selected Color: <strong>{escape(color)}</strong></div>

**Step 4:** Add a default value for color in **WebPartPropertiesWebPart.manifest.json** file.

 "properties": {

      "description": "WebPartProperties",

      "color": "Red"

    }

