

TASK-3 CODE

QUESTION

Create a component named sidebar. It should contain multiple tabs

Tab-1: Name- Header

Fields: Logo Path ,Logo Mobile Image ,Logo Link .Enable Switch ,

Tab-2: Name- Header Links

Fields: - Multifield:--Name ,Image

Tab-3: Name- SideBar Navigation

Fields: - Multifield ::-Desktop Icon ,Mobile Icon

Nested Multifield::Navigation URL

Tab-4: Name- Region

Fields: -

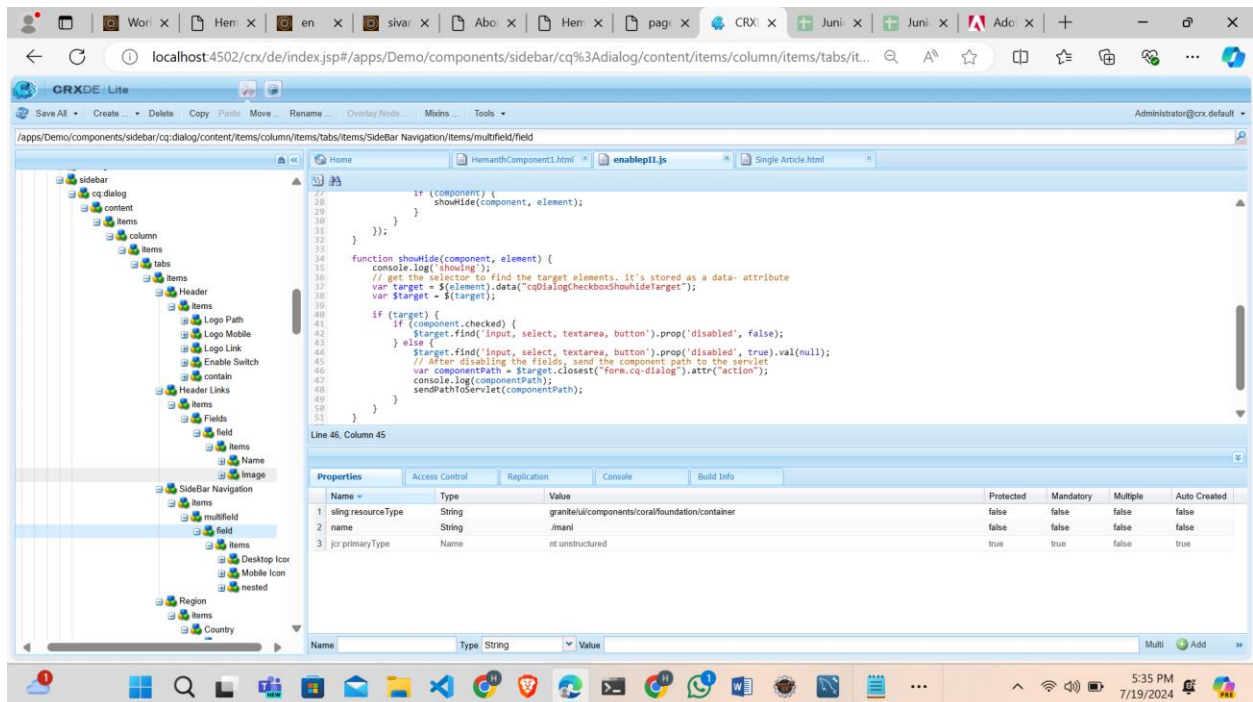
Country - Dropdown - options (india & US)

Write sling model for above component and render the values on page using HTL

Note: For Multifield keep composite as true propertie

ANSWER:

STRUCTURE FOR COMPONENT CREATION



HTL CODE FOR COMPONENT

```
<div data-sly-use.side="com.adobe.aem.guides.demo.core.models.Sidebarproperties">
<h1>First tab Header</h1>

<div> <b>logomobileimage:</b> </div>
<div><b>logolink :</b><a href="${side.logolink}">${side.logolink} </a></div>
<div><b>logopath :</b> ${side.logopath} </div>
<div><b> enableswitch: </b>${side.enableswitch}</div>

<h2>Second Tab HeaderLinks</h2>

<div data-sly-list.secondtab="${side.details}">

<div><b> Name:</b><h3>${secondtab.name}</h3></div>

<div><b> Image:</b></div>

</div>

<h3> Third Tab NestedMultiField</h3>

<div data-sly-list.thirdtab="${side.mani}">

<div>
<h2>DeskTop icon : </h2><a href="${thirdtab.desk}"> ${thirdtab.desk} </a>
</div>

<div>
<h2>Mobile icon : </h2><a href="${thirdtab.mob}">${thirdtab.mob}</a>
</div>

<div data-sly-list.nestedtab="${thirdtab.navi}">
<div>
<h2>Navigation Url : </h2><a href="${nestedtab.navisurl}">${nestedtab.navisurl}</a>
</div>
</div>
```

</div>

<h3> <u>Region</u> :- </h3>

<div> country: \${side.country }</div>

</div>

CQ: DIALOG FOR COMPONENT

?

×

✓

Header

Header Links

SideBar Navigation

Region

Logo Path

/content/dam/newsportalimages/logo.png

✓

Logo Mobile Image

✓

LogoLink

✓

☐ please click on ok

CSS Class

SLING MODEL CODE

```
package com.adobe.aem.guides.demo.core.models;

import java.util.List;

import org.apache.sling.api.resource.Resource;
import org.apache.sling.models.annotations.DefaultInjectionStrategy;
import org.apache.sling.models.annotations.Model;
import org.apache.sling.models.annotations.injectorspecific.ChildResource;
import org.apache.sling.models.annotations.injectorspecific.ValueMapValue;

@Model(adaptables = Resource.class,
defaultInjectionStrategy = DefaultInjectionStrategy.OPTIONAL
)
public class Sidebarproperties {
    @ValueMapValue
    public String logomobileimage;

    @ValueMapValue
    public String country;
    //
    @ValueMapValue
    public String logolink;

    @ValueMapValue
    public String logopath;

    @ValueMapValue
    public String enableswitch;

    @ChildResource
    public List<Details> details;

    @ChildResource
    public List<Multifieldtab3> mani;

    public List<Multifieldtab3> getMani() {
        return mani;
    }

    public List<Details> getDetails() {
        return details;
    }
}
```

```

    public String getLogomobileimage() {
        return logomobileimage;
    }

    public String getCountry() {
        return country;
    }

    public String getLogolink() {
        return logolink;
    }

    public String getLogopath() {
        return logopath;
    }

    public String getEnableswitch() {
        return enableswitch;
    }
}

```

MULTIFIELD CODE

```

package com.adobe.aem.guides.demo.core.models;

import java.util.List;
import org.apache.sling.api.resource.Resource;
import org.apache.sling.models.annotations.DefaultInjectionStrategy;
import org.apache.sling.models.annotations.Model;
import org.apache.sling.models.annotations.injectorspecific.ChildResource;
import org.apache.sling.models.annotations.injectorspecific.ValueMapValue;

@Model(adaptables = Resource.class, defaultInjectionStrategy =
DefaultInjectionStrategy.OPTIONAL)

public class Multifieldtab3 {

    @ValueMapValue
    private String desk;

    @ValueMapValue
    private String mob;
}

```

```

    @ChildResource
    public List<Nestedtab3> navi;

    public String getDesk() {
        return desk;
    }

    public String getMob() {
        return mob;
    }

    public List<Nestedtab3> getNavi() {
        return navi;
    }
}

```

NESTED MULTIFIELD

```

package com.adobe.aem.guides.demo.core.models;

import org.apache.sling.api.resource.Resource;
import org.apache.sling.models.annotations.DefaultInjectionStrategy;
import org.apache.sling.models.annotations.Model;
import org.apache.sling.models.annotations.injectorspecific.ValueMapValue;

@Model(adaptables = Resource.class, defaultInjectionStrategy =
DefaultInjectionStrategy.OPTIONAL)
public class Nestedtab3 {

    @ValueMapValue
    private String navisurl;


    public String getNavisurl() {
        return navisurl;
    }

}

```

DISPLAYING CONTENT ON PAGE

First tab Header

logomobileimage:  Tab 1 logo image
logolink :
logopath : /content/dam/newsportalimages/logo.png
enableswitch:

Second Tab

HeaderLinks

Third Tab NestedMultiField

Region :-

country: india

Drag components here

sidebar

sidebar