

Currency Converter

Code:

```
public class converter {  
    public String currency1{get;set;}  
    public String currency2{get;set;}  
    public Double value1{get;set;}  
    public double value2{get;set;}  
  
    public void convert()  
    {  
        if(currency1==currency2)  
        {  
            value2=value1;  
        }  
        else if(currency1=='Dollar' && currency2=='Rupee')  
        {  
            value2=83*value1;  
        }  
        else if(currency1=='Rupee' && currency2=='Dollar')  
        {  
            value2=value1/83;  
        }  
        else if(currency1=='Pound' && currency2=='Rupee')  
        {  
            value2=value1*101.23;  
        }  
        else if(currency1=='Rupee' && currency2=='Pound')  
        {  
            value2=value1/101.23;  
        }  
    }  
}
```

```

else if(currency1=='Pound' && currency2=='Dollar')
{
    value2=value1*1.23;
}
else if(currency1=='Dollar' && currency2=='Pound')
{
    value2=value1/1.23;
}
}
}

```

UI

```

<apex:page controller="converter">
    <apex:sectionHeader title="currency-converter" />
    <apex:form >
        <apex:pageBlock >
            <apex:pageBlockSection >
                <apex:pageBlockSectionItem >
                    <apex:outputLabel value="Currency1">
                        </apex:outputLabel>
                    </apex:pageBlockSectionItem>

                    <apex:pageBlockSectionItem >
                        <apex:selectRadio value="{!currency1}" layout="pageDirection">
                            <apex:selectOption itemValue="Rupee" itemLabel="Rupee" />
                            <apex:selectOption itemValue="Dollar" itemLabel="Dollar" />
                            <apex:selectOption itemValue="Pound" itemLabel="Pound" />
                        </apex:selectRadio>
                    </apex:pageBlockSectionItem>
                </apex:pageBlockSection>
            </apex:pageBlock>
        </apex:form>
    </apex:page>

```

```

<apex:pageBlockSectionItem >
    <apex:outputLabel value="Value1"></apex:outputLabel>
</apex:pageBlockSectionItem>
<apex:pageBlockSectionItem >
    <apex:inputText value="{!value1}"/>
</apex:pageBlockSectionItem>

<apex:pageBlockSectionItem >
    <apex:outputLabel value="Currency2"></apex:outputLabel>
</apex:pageBlockSectionItem>
<apex:pageBlockSectionItem >
    <apex:selectRadio value="{!currency2}" layout="pageDirection">
        <apex:selectOption itemValue="Rupee" itemLabel="Rupee" />
        <apex:selectOption itemValue="Dollar" itemLabel="Dollar" />
        <apex:selectOption itemValue="Pound" itemLabel="Pound" />
    </apex:selectRadio>
</apex:pageBlockSectionItem>
<apex:pageBlockSectionItem >
    <apex:outputLabel value="Result"></apex:outputLabel>
</apex:pageBlockSectionItem>
<apex:pageBlockSectionItem >
    <apex:inputText value="{!value2}" id="res"/>
    <apex:actionStatus id="sts" startText="Finding...."></apex:actionStatus>
</apex:pageBlockSectionItem>

</apex:pageBlockSection>
<apex:pageBlockButtons location="bottom">
    <apex:commandButton action="{!convert}" value="convert" rerender="res" status="sts"/>
</apex:pageBlockButtons>
</apex:pageBlock>

```

</apex:form>

</apex:page>