

SAMPLE QUESTION

Q2 (50Pts). Write a php web form application that calculates the prices of concert tickets. The user can select one of three bands/singers, “Teoman”, “Mor ve Ötesi” and “Feridun Düzağaç”. Normal ticket prices of singers are 75, 35 and 50 TL per person, respectively. If the user chooses “VIP”, then the price is twice as expensive as normal ticket price. The person count must be between 1 and 6 inclusive. If all input are valid (Fig 1), It calculates the price and display the result as in Fig 2. If this is not the case (Fig 3, Fig 5), the program does not calculate any price and shows the form page again with an error message (Fig 4, Fig 6).

<table border="1"><tr><td>Singer/Band :</td><td>Feridun Düzağaç ▼</td></tr><tr><td>VIP :</td><td><input checked="" type="checkbox"/></td></tr><tr><td># of Person :</td><td>2</td></tr><tr><td colspan="2"><input type="button" value="RESERVE"/></td></tr></table>	Singer/Band :	Feridun Düzağaç ▼	VIP :	<input checked="" type="checkbox"/>	# of Person :	2	<input type="button" value="RESERVE"/>		<p>Singer/Group : Feridun Düzağaç</p> <p>VIP : YES</p> <p># of Person : 2</p> <p>Total Price : 200</p> <p>BACK</p>
Singer/Band :	Feridun Düzağaç ▼								
VIP :	<input checked="" type="checkbox"/>								
# of Person :	2								
<input type="button" value="RESERVE"/>									

Figure 1 : Web Form with correct input

Figure 2 : Calculate price

<table border="1"><tr><td>Singer/Band :</td><td>Mor ve Ötesi ▼</td></tr><tr><td>VIP :</td><td><input checked="" type="checkbox"/></td></tr><tr><td># of Person :</td><td>asdf</td></tr><tr><td colspan="2"><input type="button" value="RESERVE"/></td></tr></table>	Singer/Band :	Mor ve Ötesi ▼	VIP :	<input checked="" type="checkbox"/>	# of Person :	asdf	<input type="button" value="RESERVE"/>		<table border="1"><tr><td>Singer/Band :</td><td>Mor ve Ötesi ▼</td></tr><tr><td>VIP :</td><td><input checked="" type="checkbox"/></td></tr><tr><td># of Person :</td><td>asdf</td></tr><tr><td colspan="2"><input type="button" value="RESERVE"/></td></tr></table> <p><i>Not an integer value</i></p>	Singer/Band :	Mor ve Ötesi ▼	VIP :	<input checked="" type="checkbox"/>	# of Person :	asdf	<input type="button" value="RESERVE"/>	
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Figure 3 : Wrong “# of person”

Figure 4: Error Type 1

<table border="1"><tr><td>Singer/Band :</td><td>Feridun Düzağaç ▼</td></tr><tr><td>VIP :</td><td><input checked="" type="checkbox"/></td></tr><tr><td># of Person :</td><td>10</td></tr><tr><td colspan="2"><input type="button" value="RESERVE"/></td></tr></table>	Singer/Band :	Feridun Düzağaç ▼	VIP :	<input checked="" type="checkbox"/>	# of Person :	10	<input type="button" value="RESERVE"/>		<table border="1"><tr><td>Singer/Band :</td><td>Feridun Düzağaç ▼</td></tr><tr><td>VIP :</td><td><input checked="" type="checkbox"/></td></tr><tr><td># of Person :</td><td>10</td></tr><tr><td colspan="2"><input type="button" value="RESERVE"/></td></tr></table> <p><i>Not a valid integer [1-6]</i></p>	Singer/Band :	Feridun Düzağaç ▼	VIP :	<input checked="" type="checkbox"/>	# of Person :	10	<input type="button" value="RESERVE"/>	
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Figure 5 : Wrong “# of person”

Figure 6 : Error Type 2

Grading :

- Form in Fig 1 (5Pts),
- Calculate price (25Pts),
- Validate price (10Pts),
- Sticky form (show previous input values if any error occurs) (10Pts)