

CTIS 256

Midterm #2 – Spring 2018

120 mins

Import “bike.sql” into “test” database. It populates two tables “motorbikes” and “motorbike_photo”. Check out their fields from phpmyadmin to understand their structures. “db.php” is already given to access “test” database in your local machine. Also, the images for bikes are in “images” folder in the given zip file.

QUESTION :

You are supposed to develop a Web Application that sells motorbikes. It displays all bikes in the market, and when you click on a bike, it shows the bike in details with photos. The user can buy the bike or go back to the list.

Q1. (70Pts) Write a page (**main.php**) that shows all the bikes in an HTML table as in Fig1. To retrieve all bikes, you can use “***select * from motorbikes***” sql query. Each row consists of a profile image, brand, model, title, price, discount info, and its status.

Each row shows a profile image whose width is 80px. The images are links to a page (**detail.php**) to show the bike in details. (10Pts)

(Regular Expression – 10Pts) For discount column, bikes whose coupon field matches the following rule has a discount, and show “**YES**” in bold if there is any discount. The rule is that “coupon field starts with 2 capital letters, than 3 digits and a dash (-), and 2 digits. For example, “TZ324-34” => “YES”, “T456-45” => “NO”, “MVT34-356” => “NO”, “KK54K-5T” => “NO”, “MK342-67” => “YES”.

For status fields (5Pts), it shows if the car is sold or not. If the value is 0, it is still “on Sale”, otherwise, it shows “SOLD”.


moto-market.com

	Brand	Model	Title	Price	Discount	Status
	MV Agusta	Brutale	Agusta çok uygun fiyata, sıfır gibi...	26000	YES	On Sale
	BMW	S 1000 RR	2016 Özel Seri Nokta Hatasız	107000	NO	On Sale
	Kawasaki	ER-6 F	21 binde tertemiz. Hatasız. Doktordan.	29000	YES	SOLD
	Honda	NC 750D Integra	Pelinoğlu Graj - Full artı Full	34000	NO	SOLD
	Ducati	Diavel XDiavel S	Eskişehir Moto'dan pırıl pırıl	125000	NO	On Sale
	Yamaha	MT-07 ABS	Nokta hatasız full extra camlı	31500	NO	On Sale
	Suzuki	GSX-R 1000	Suzuki GXXSR 1000 L5 Hatasız Tramersiz	68900	NO	On Sale
	Yamaha	Tracer 700	Yamaha İstanbul Tracer Hemen Teslim	39500	YES	On Sale

Fig 1: Main page




Q2. (20Pts) Display the selected (clicked) bike in details as in Fig 2. It knows the bike from URL address. It displays all details in an HTML table. The width of the big image is 400px. The small images have a width of 90px. Requires queries for this page are “**select * from motorbikes where id = ?**”, and to retrieve all photos “**select * from motorbike_photo where bike_id = ?**”. At the bottom, display two links “BACK” and “BUY”. Back is a link to “main.php”, and “BUY” is a link to “buy.php” with the id of the current bike.

21 binde tertemiz. Hatasız. Doktordan.



29000 TL

Brand	Kawasaki
Model	ER-6 F
Year	2013
Km	21000
Color	Green
Engine	600

[BACK](#) | [BUY](#)

Fig 2: Show in details.

Q3. (15Pts) Each small photo is a link, when you click on a small photo, it shows the clicked image in big format. The current photo is shown with a border of 2px solid blue.

Q4. (10Pts) If you click “BUY” link, it changes the status of the bike as “1”. It means the bike is sold. It updates the record. You can use the following query “**update motorbikes set status = 1 where id=?**”. To do that, write “buy.php” which gets an “id” from URL. It updates the record and REDIRECTs to “main.php”.

ATTENTION:

- You are given a zip file with “db.php”, “bike.sql” and “images” folder with bike images.
- Use <http://localhost/phpmyadmin> to import “bike.sql” into “test” database.
- Import “db.php” library to all your php files.
- As a hint: You will write “main.php”, “detail.php”, and “buy.php”, but you are free to chose your own file names.
- Pay attention to the path of the images in your codes.