Want To Be Part of Our Family?

- This Test is designed for job applicants (Full stack Developer)
- This Test must be submitted in 10 days from the date you receive the test

So take your time we are waiting for you

Good luck

Big Dash Agency head Development team

P.S for Submitting test ,Help and Hints the only **Valid Contact method** are
E-mails to Hello@big-dash.com
every Candidate has one hint and one question for each problem .
Accepted programming languages are (php – javascript – mysql)

1- inside a football club, the coach decided to make a friendly match between team members 14 Each player has a rating out of 10

Requirement:

- Create two teams of 7 players so that the sum of the players rating is equal for each team
- Create 14 players like this example

Player Name	Rating
John Seed	7

By the rules:
- Two players rating are not equaling (generated by random algorithm)
- All rating as integers (not decimal Number)
- The output must be like this example
  First team :
  John seed 7
  …
  …..
  The sum of first team is : 7

  Second team :

  John doe   7

  …

  …

  The sum of second team is : 7

………………………………………………………………..

2- The following database schema:

Apartments	
AptID	int
UnitNumber	varchar(10)
BuildingID	int

Buildings	
BuildingID	int
ComplexID	int
BuildingName	varchar(100)
Address	varchar(500)

Requests	
RequestID	int
Status	varchar(100)
AptID	int
Description	varchar(500)

Complexes	
ComplexID	int
ComplexName	varchar(100)

AptTenants	
TenantID	int
AptID	int

Tenants	
TenantID	int
TenantName	varchar(100)

Note that each apartment can have multiple tenants, and each tenant can have multiple apartments. Each apartment belongs to one building, and each building belongs to one complex

Requirement:

- Write a SQL query to get a list of tenants who are renting more than one apartment

- Write a SQL query to get a list of all buildings and the number of open requests (Requests in which status equals 'Open').

- Building #11 is undergoing a major renovation. Implement a query to close all requests from apartments in this building.

3- Assume we have a new project like https://app.yesilik.com/

- design Database diagram with relationship
- List functional and non-functional requirement
- **Optional**: give time (in Days) to finish the project
- **Optional:** suggests a new features that improve the project over all

BigDash.
digital agency