# PHP

### Question #3

```
Function findNumber(Array $arr, $x)
```

### Question #2

It will give me a php fatal error: we cannot declare class main\Debug because the name is already in use.

# MySQL

- 1. These are the tables that we must create:
  - users (id, user\_firstname, user\_lastname)
  - skills (id, skill\_name,skill\_level,skill\_usage,skill\_last\_used)
  - users\_skills (id, user\_id, skill\_id, user\_skill\_last\_modified, user\_skill\_date\_created, user\_skill\_endorsed)

### 2. select

```
users.user_lastname,
users.user_lastname,
skills.skill_name
FROM users_skills
JOIN users ON users_skills.user_id = users.id
JOIN skills ON users_skills.skill_id = skills.id
where users_skills.user_id=1 limit 10
(i considered that we are fetching data only for this user "user_id=1", if not remove "where users_skills.user_id=1")
```

## 3. Query:

- a. Select c.\* from companies as c, users as u, jobs as j where u.companyid=c.id and j.jobid=123.
- b. Select c.\* from companies as c,jobs as j where c.id in (select companyid from users where id=j.userid) and j.jobid=123
- c. Select c.\* from companies as c join users as u using(companyid) join jobs as j using(userid) where j.jobid=123;